

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML-48758	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: Natural Buttes	
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company				9. WELL NAME and NUMBER: NBU #411	
3. ADDRESS OF OPERATOR: P.O. Box 1148 CITY Vernal STATE UT ZIP 84078			PHONE NUMBER: (435) 781-7023	10. FIELD AND POOL, OR WILDCAT: Natural Buttes	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 613' FSL & 1037' FEL AT PROPOSED PRODUCING ZONE:				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 32 9S 21E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 13.2 Miles Southeast of Ouray, Utah				12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 613'		16. NUMBER OF ACRES IN LEASE: 348.8		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) Refer to Topo C		19. PROPOSED DEPTH: 7,000		20. BOND DESCRIPTION: State Bond No. 400JU0705	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4917.6' GL		22. APPROXIMATE DATE WORK WILL START:		23. ESTIMATED DURATION: To Be Determined	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
11" or 12"	8 5/8" K-55 24#	250	Min. 85 sx Class G
7 7/8"	4 1/2 K-55 11.6#	7,000	410 sx HiFill 800 sx 50/50

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DEC 12 2001

DIVISION OF  
OIL, GAS AND MINING

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER     | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                                   |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Cheryl Cameron

TITLE Regulatory Analyst

SIGNATURE

DATE 12/10/2001

(This space for State use only)

API NUMBER ASSIGNED: 43-047-34422

APPROVAL:

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 01-03-02  
By: [Signature]

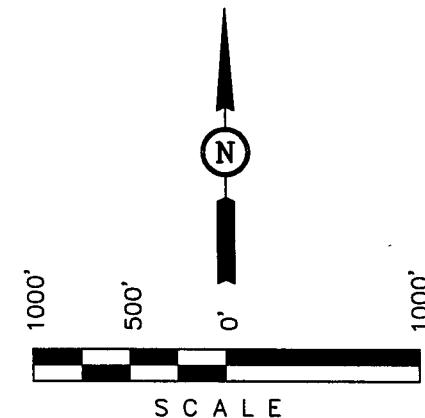
T9S, R21E, S.L.B.&M.

EL PASO  
PRODUCTION OIL & GAS COMPANY

Well location, NBU #411, located as shown in the SE 1/4 SE 1/4 of Section 32, T9S, R21E, S.L.B.&M. Uintah County, Utah.

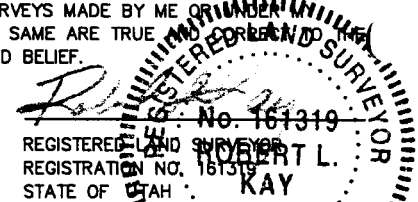
BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 32, T9S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4913 FEET.



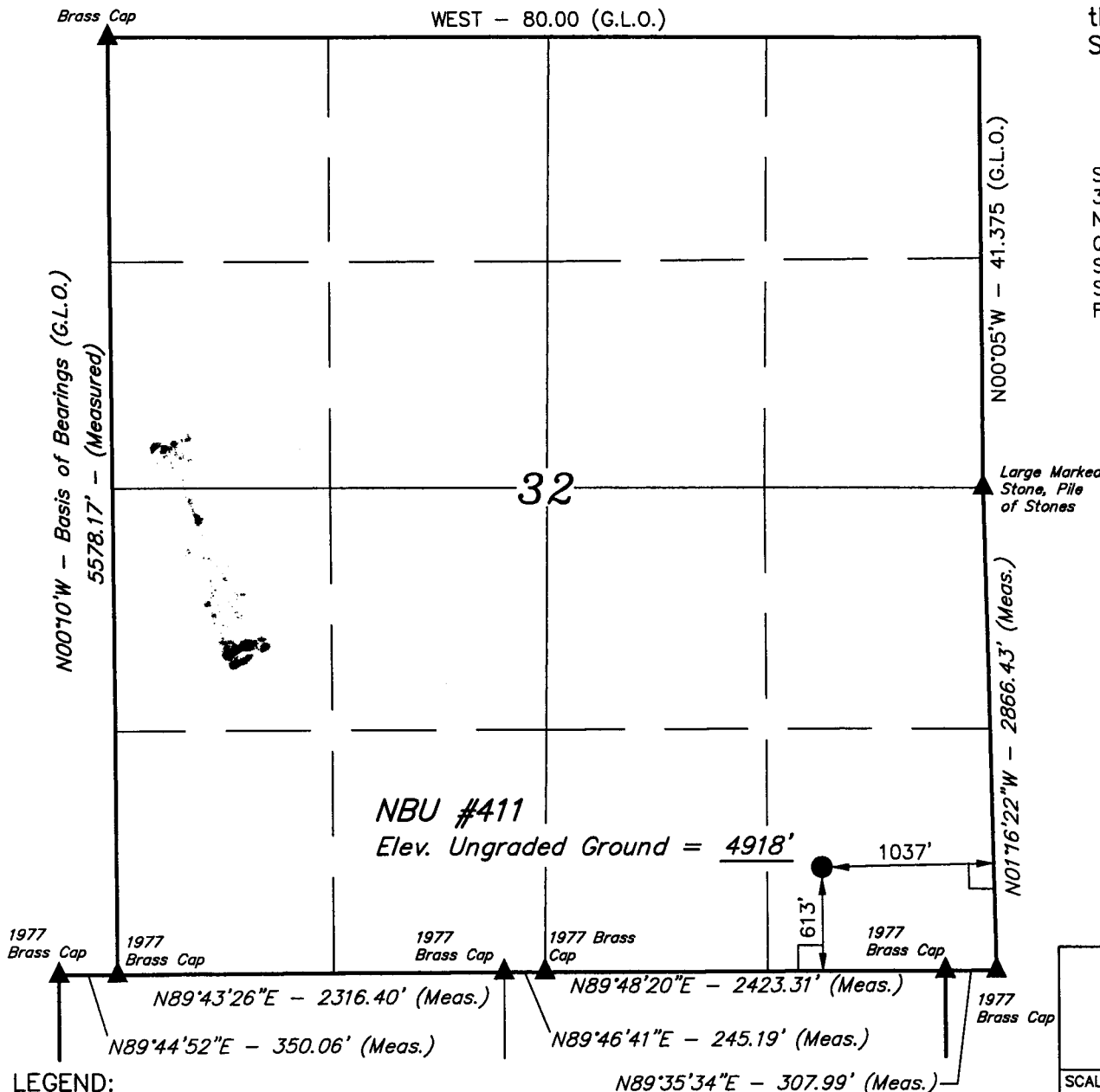
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 8-6-01	DATE DRAWN: 8-15-01
PARTY C.T. J.W. C.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE EL PASO PRODUCTION PRODUCTION COMPANY	



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°59'10"  
LONGITUDE = 109°34'09"

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

December 19, 2001

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2001 Plan of Development Natural Buttes Unit,  
Uintah County, Utah.

Pursuant to facsimile between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2001 within the Natural Buttes Unit, Uintah County, Utah.

Api Number	Well	Location
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(Proposed PZ Wasatch)

43-047-34421	NBU 409	Sec. 32, T09S, R21E	2224 F&L 0625 FWL
43-047-34422	NBU 411	Sec. 32, T09S, R21E	0613 F&L 1037 FEL
43-047-34423	NBU 416	Sec. 36, T09S, R21E	0794 F&L 0661 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:12-19-01

December 11, 2001

State of Utah  
Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

**Attention: Lisha Cordova**

Dear Lisha:

El Paso Production requests an on-site inspection for the well locations listed below. Please feel free to contact us with any questions concerning this matter at (435) 781-7023.

Well Name

Legal Description

NBU # 409  
NBU # 411  
NBU # 416

NWSW Sec. 32, T9S, R21E  
SESE Sec. 32, T9S, R21E  
SESE Sec. 36, T9S, R20E

Sincerely,



Tim Chervick  
Regulatory

Cc: File

**RECEIVED**

DEC 12 2001

**DIVISION OF  
OIL, GAS AND MINING**



# EL PASO PRODUCTION OIL & GAS COMPANY

**NBU #411**

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 32, T9S, R21E, S.L.B.&M.

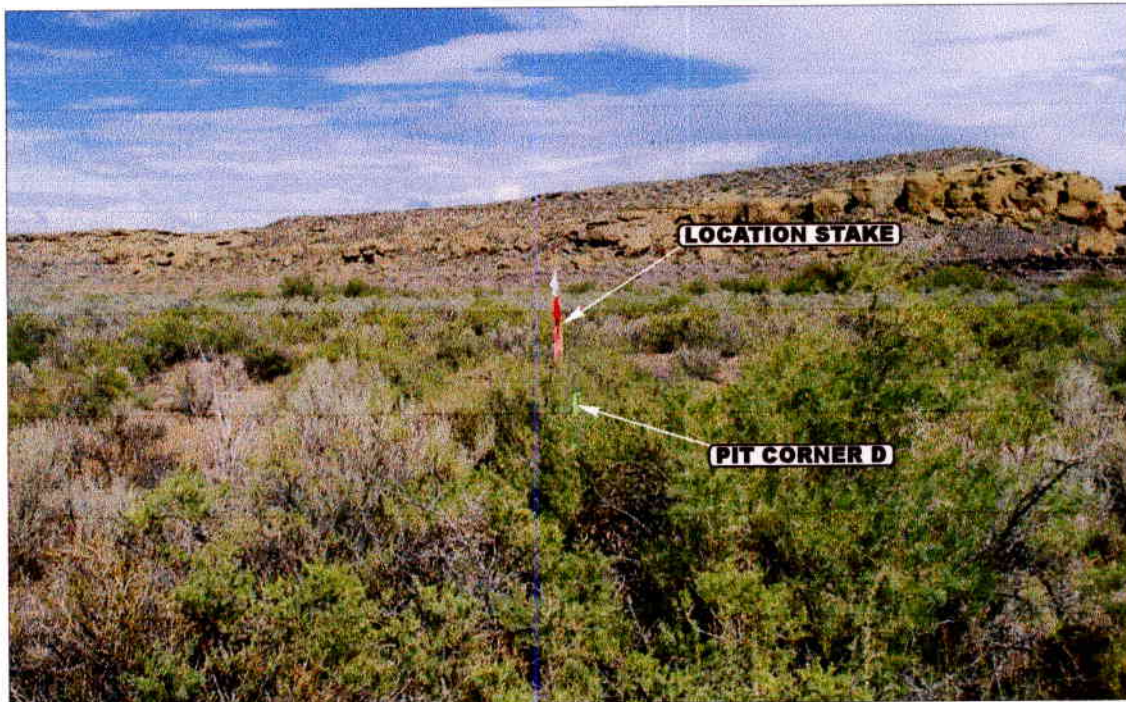


PHOTO: VIEW FROM PIT CORNER D TO LOCATION STAKE

CAMERA ANGLE: EASTERLY

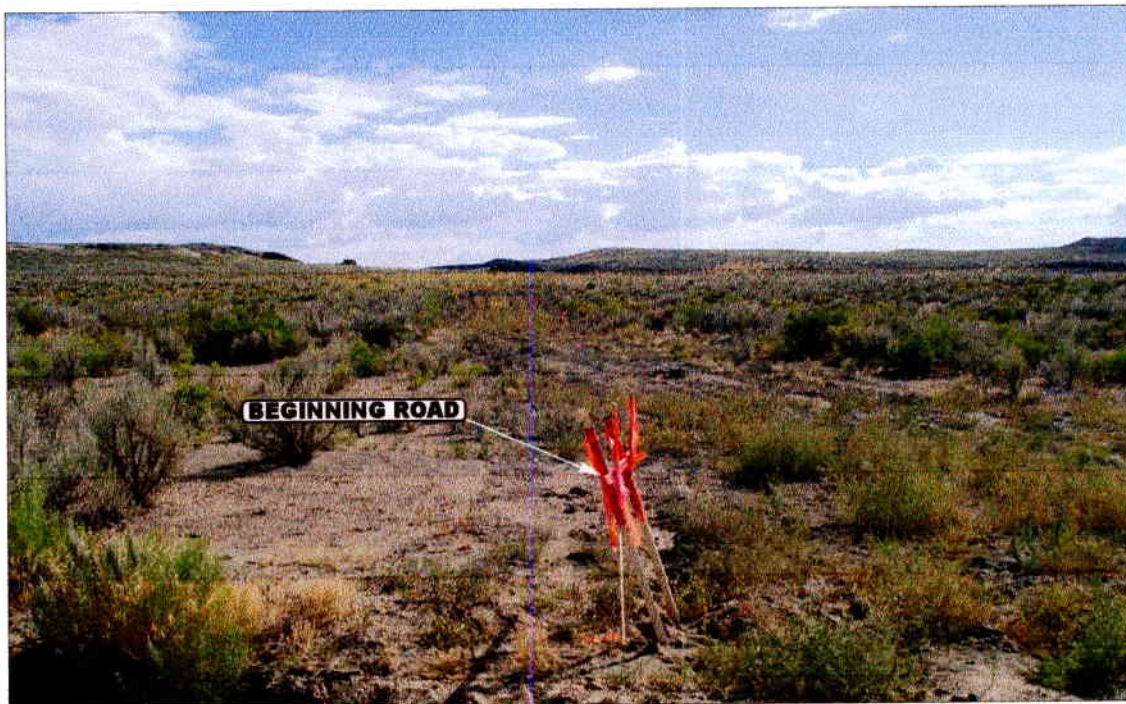


PHOTO: VIEW FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

## LOCATION PHOTOS

TAKEN BY: C.T.

DRAWN BY: P.M.

8 10 01  
MONTH DAY YEAR

REVISED: 00-00-00

PHOTO

# **EL PASO PRODUCTION OIL & GAS COMPANY**

**NBU #411**

**SECTION 32, T9S, R21E, S.L.B.&M.**

**PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE PROPOSED LOCATION.**

**TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 44.2 MILES.**

**NBU #411  
SESE Sec. 32, T9S-R21E  
Uintah County, UT  
ML-48758**

**ONSHORE ORDER NO. 1**

***DRILLING PROGRAM***

**1. Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
KB	4953'
Green River	1570'
Wasatch	4800'
Total Depth	7000'

**2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Green River	1570'
	Wasatch	4800'
Water	N/A	
Other Minerals	N/A	

**3. Pressure Control Equipment (Schematic Attached)**

The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11' drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.

The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.

The hydrill will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 2,000 psi.

**4. Proposed Casing & Cementing Program:**

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt/ft</u>	<u>Grade</u>	<u>Type</u>
Surface	0-250'	11" or 12 1/4"	8 5/8"	24#	K-55	ST&C
Production	0-TD	7 7/8"	4 1/2"	11.6#	K-55	LT&C

The proposed casing and cement program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing settings depth shall be calculated to Position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including: presence/absence of hydrocarbons, fracture gradients, usable water zones, formation pressures, lost circulation zones, other minerals, or other unusual characteristics.

All casing, except conductor casing, shall be new or reconditioned and tested. Used casing shall meet or exceed API standards for new casing.

The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing. If drive pipe is used, it will be pulled prior to cementing surface casing.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable pre-flush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

**The Cement Program will be as follows:**

<u>Surface</u>	<u>Fill</u>	<u>Type &amp; Amount</u>
0-250'	250'	A minimum of 85 sx Class G + 2% CaCl <sub>2</sub> , 15.6 ppg, 1.18 cf/sx (Cement will be circulated to surface, about 35% excess)
<u>Production</u>		<u>Type &amp; Amount</u>
500' above productive interval-surface		Lead: Extended, Lite, or HiFill cement + additives, 11 or 12 ppg, 2.69 cf/sx
TD-500' above productive interval		Tail: Extended Class G or 50/50 Poz + additives, 14 ppg; or RFC, 14.0-14.5 ppg, 1.57 cf/sx

For production casing ,actual cement volumes will be determined from the caliper log plug 10-15% excess.

For surface casing, waiting on cement time will be adequate to achieve 500 psi compressive strength at the casing shoe prior to drilling out.

Anticipated cement tops will be reported as to depth , not the expected number of sacks of cement to



be used.

After cementing the surface pipe and /or any intermediate strings, but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the Drillers Log.

**Auxiliary well control equipment to be used as follows:**

Kelly cock.

A sub with a full opening (TIW) valve having threads compatible with drill string tubulars.

**Float Equipment & Centralizers**

Surface – Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.

Production – Float shoe, 1 jt, float collar. Centralize first 3 joints and every third joint to top of tail cement with bow spring centralizers.

**5. Drilling Fluids Program:**

<u>Interval</u>	<u>Type</u>	<u>Mud Weight</u>
0'-TD	Air/AirMist/Aerated Water/Water (as hole conditions warrant. Displace hole to 10 ppg brine mud prior to logging.	8.4 ppg or less

No chromate additives will be used in the mud system without prior approval to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. No extremely hazardous substances in threshold planning quantities will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

**6. Evaluation Program:**

**Logging Program:**

Unmanned logging unit @ 3500'  
Cased hole logs only

**Drill Stem Tests:**

As deemed necessary.

**Cores:**

As deemed necessary

When cement has not been circulated to surface, the cement top will be determined by either a temperature survey or cement bond log. Should a temperature survey fail to locate the cement top, a cement bond log will be run.

*The Evaluation Program may change at the discretion of the well site geologist with approval by the Authorized Officer.*

**7. Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated @ 7000' TD approximately equals 2800 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1260 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

NBU #411  
SESE Sec. 32, T9S-R21E  
Uintah County, UT  
ML-48758

**ONSHORE ORDER NO. 1**

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

**1. Existing Roads:**

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

***Improvements to existing access roads shall be determined at the on-site inspection.***

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

**2. Planned Access Roads:**

Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet, ***unless modified at the on-site inspection.*** Appropriate water control will be installed to control erosion.

***Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.***

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

**3. Location of Existing Wells Within a 1-Mile Radius**

Please refer to Topo Map C.

**4. Location of Existing & Proposed Facilities**

*The following guidelines will apply if the well is productive.*

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo D for the proposed pipeline.

**5. Location and Type of Water Supply:**

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

**6. Source of Construction Materials**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

**7. Methods of Handling Waste Materials**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids. *The need for a reserve pit liner will be determined at the on-site inspection.*

If a plastic reinforced liner is used, it will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. **Ancillary Facilities**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). ***This section is subject to modification as a result of the on-site inspection.***

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

If it is determined that a pit liner will be used at the on-site inspection, the reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

**10. Plans for Reclamation of the Surface:**

*Producing Location:*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

*Dry Hole/Abandoned Location:*

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.



**11. Surface Ownership:**

SITLA  
675 East 500 South, Suite 500  
Salt Lake City, UT 84102

**12. Other Information:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and a copy of this is attached.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it Within 460' of any non-committed tract lying within the boundaries of the Unit.

**13. Lessee's or Operators's Representative & Certification:**

Cheryl Cameron  
Regulatory Analyst  
El Paso Production O&G Co.  
P.O. Box 1148  
Vernal, UT 84078  
(435) 781-7023

Scott Palmer  
Drilling Manager  
El Paso O&G Co.  
9 Greenway Plaza  
Houston, TX 77046  
(713) 877-7982

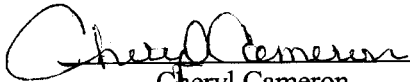
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

El Paso Production O&G Co. is considered to be the operator of the subject well. El Paso Production O&G Co. agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

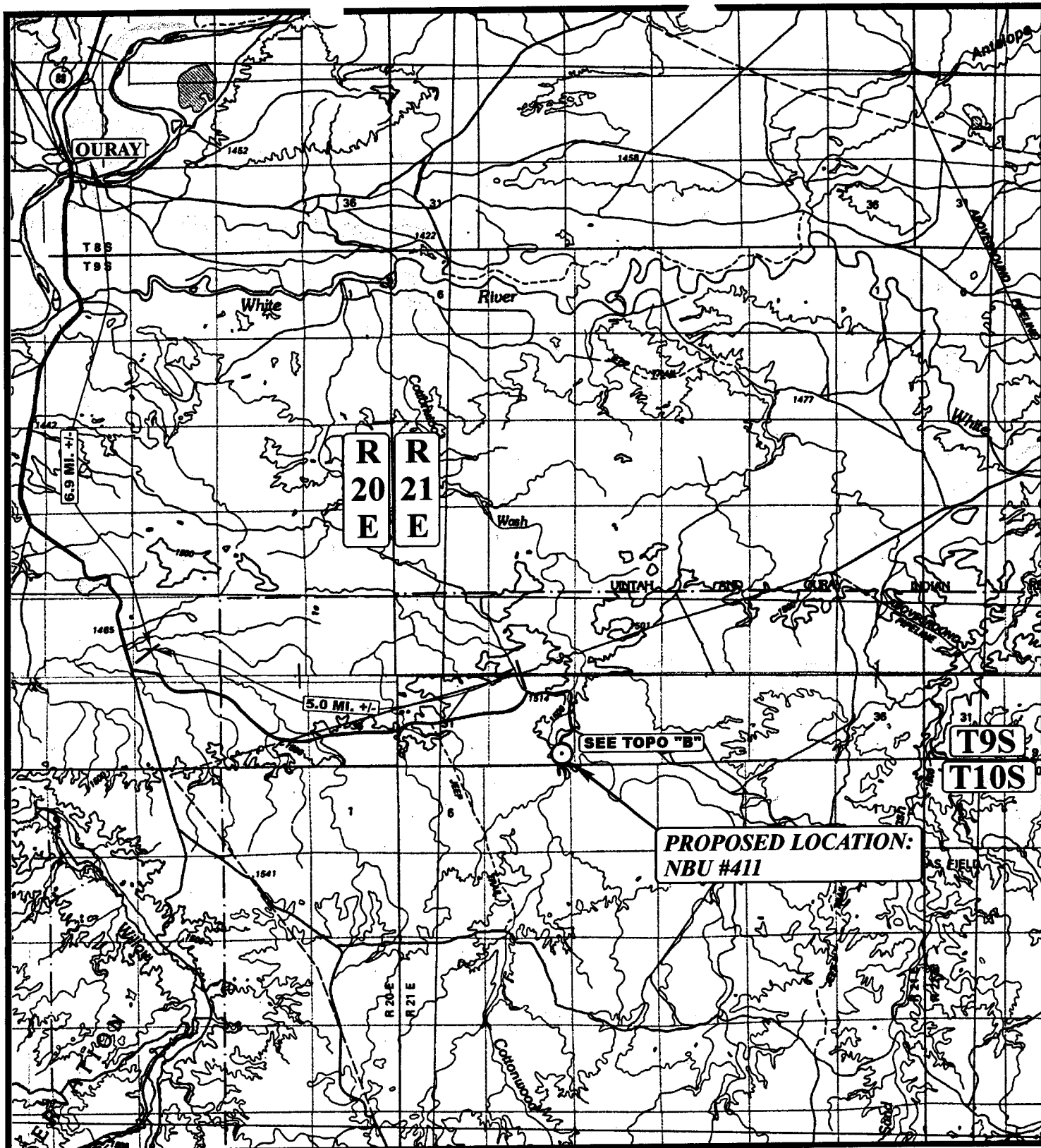
Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by El Paso Production O&G Co. State Bond #400JU0705.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

  
Cheryl Cameron

12/10/01

Date



# LEGEND:

○ PROPOSED LOCATION



EL PASO PRODUCTION OIL & GAS COMPANY

NBU #411

SECTION 32, T9S, R21E, S.L.B.&M.

613' FSL 1037' FEL



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

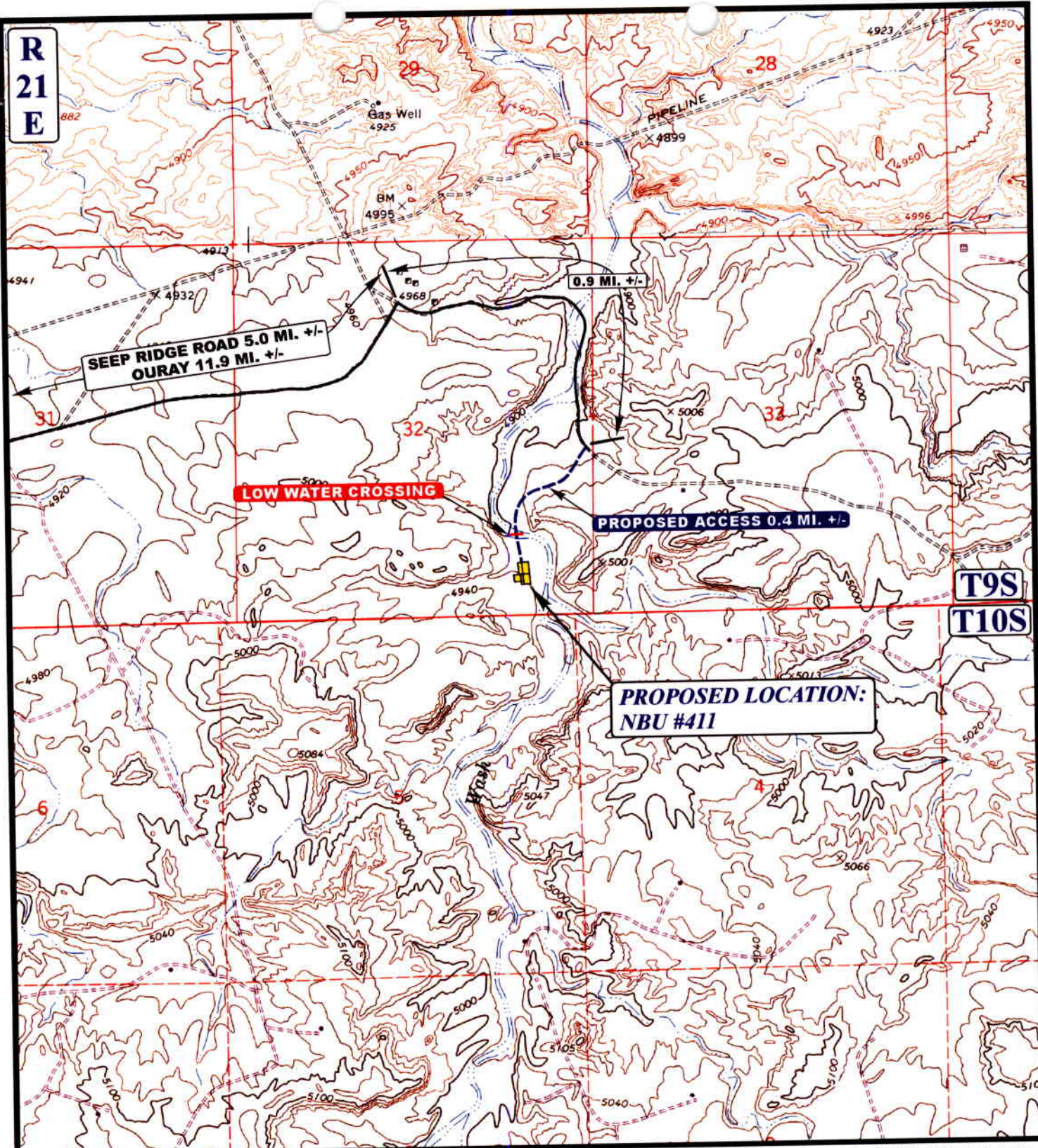
8 10 01  
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00





R  
21  
E



**LEGEND:**

----- PROPOSED ACCESS ROAD  
————— EXISTING ROAD



**EL PASO PRODUCTION OIL & GAS COMPANY**

**NBU #411**

**SECTION 32, T9S, R21E, S.L.B.&M.**

**613' FSL 1037' FEL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

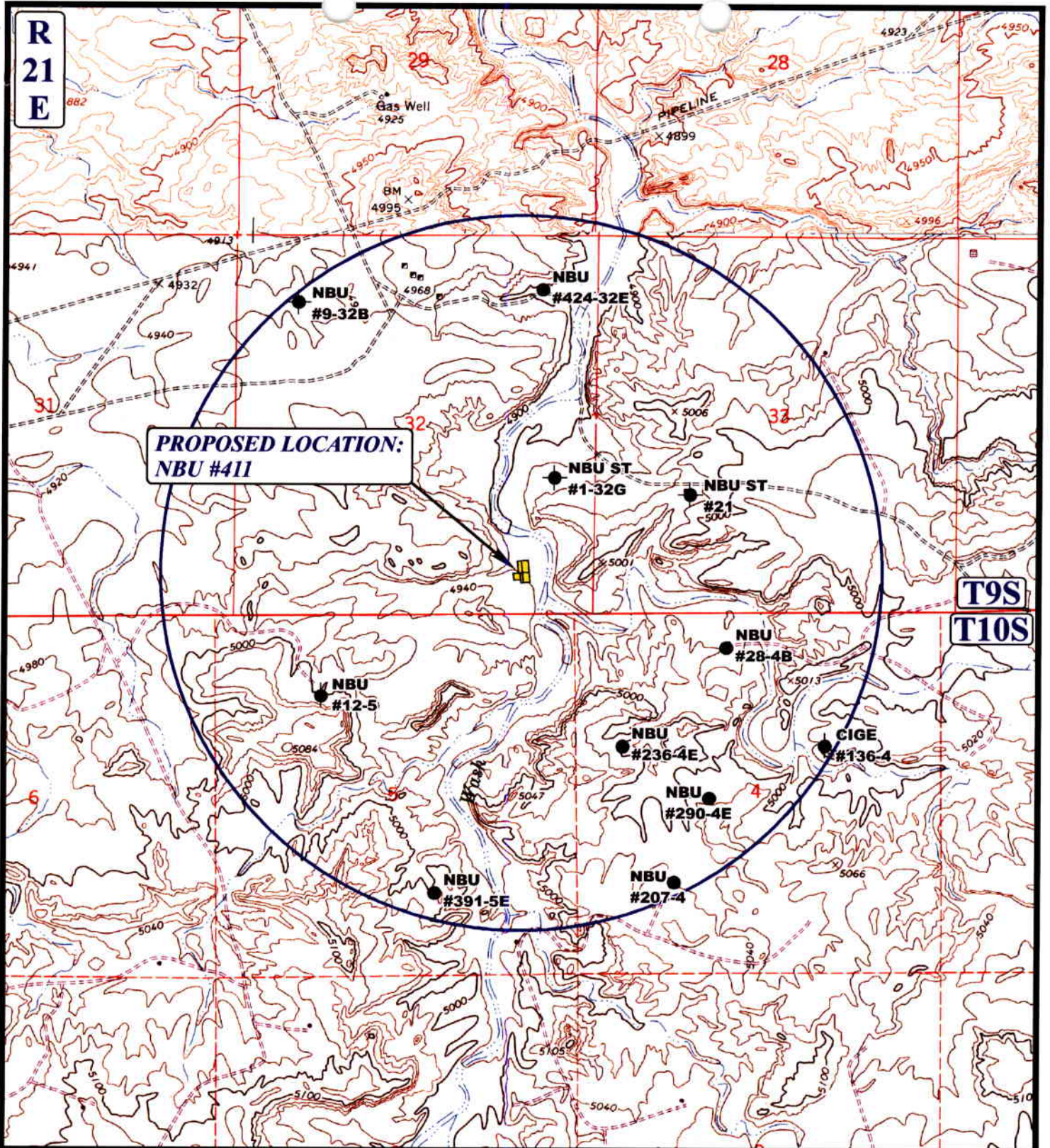
**8 10 01**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

**B  
TOPO**



**R  
21  
E**



**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS  | ⊗ WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |



**EL PASO PRODUCTION OIL & GAS COMPANY**

**NBU #411  
SECTION 32, T9S, R21E, S.L.B.&M.  
613' FSL 1037' FEL**



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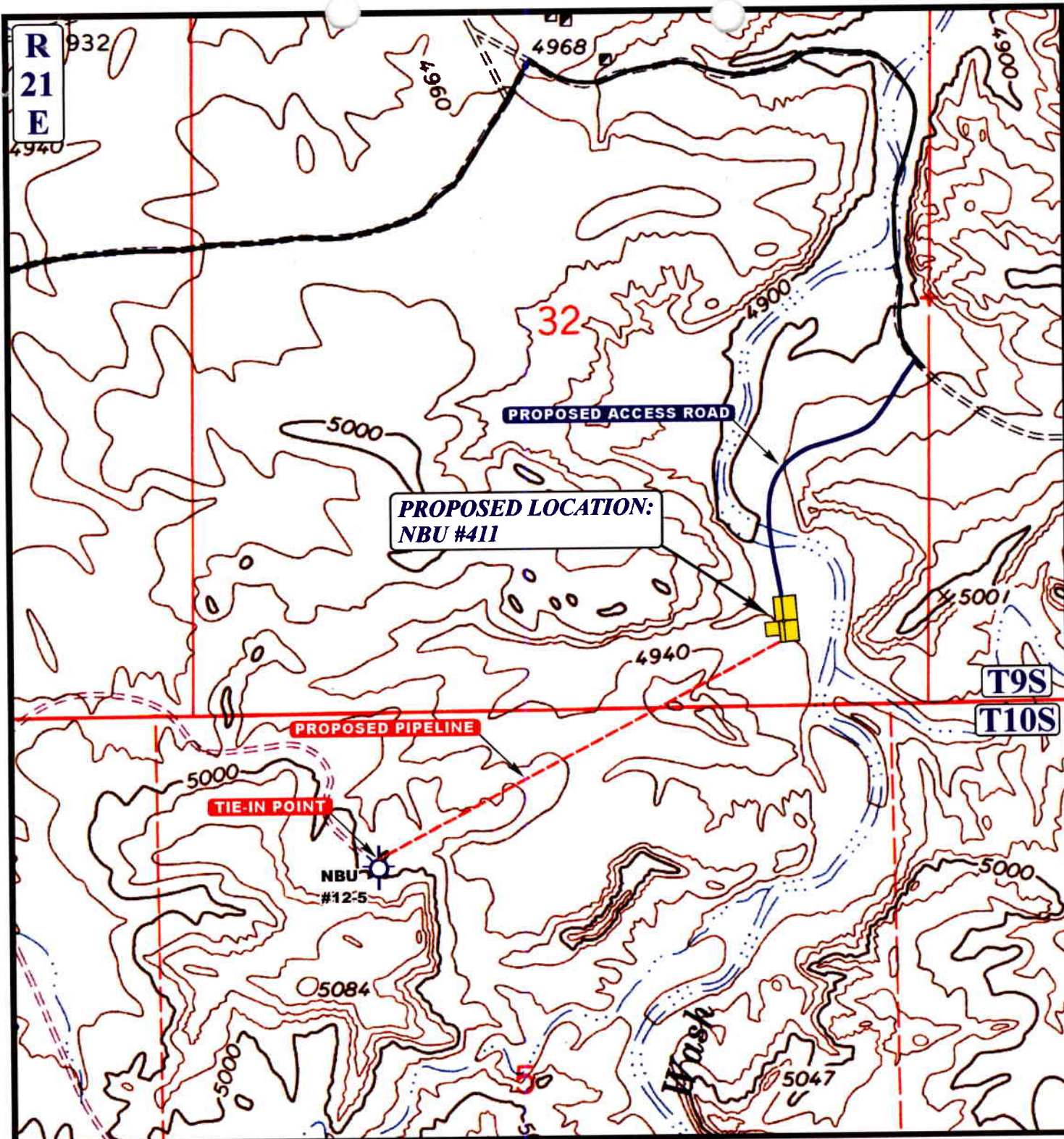
**TOPOGRAPHIC  
MAP**

**8 1001**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00







**APPROXIMATE TOTAL PIPELINE DISTANCE = 3400' +/-**

**LEGEND:**

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS
- ☼ SHUT IN WELLS



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 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**EL PASO PRODUCTION OIL & GAS COMPANY**

**NBU #411**  
**SECTION 32, T9S, R21E, S.L.B.&M.**  
**613' FSL 1037' FEL**

**TOPOGRAPHIC**  
**MAP**

**8** **1001**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 00-00-00

**D**  
**TOPO**



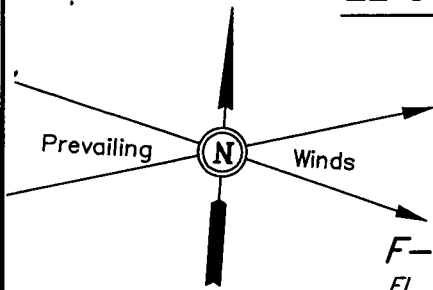
# EL PASO PRODUCTION OIL & GAS COMPANY

## LOCATION LAYOUT FOR

NBU #411

SECTION 32, T9S, R21E, S.L.B.&M.

613' FSL 1037' FEL



SCALE: 1" = 50'  
DATE: 8-15-01  
Drawn By: C.G.

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

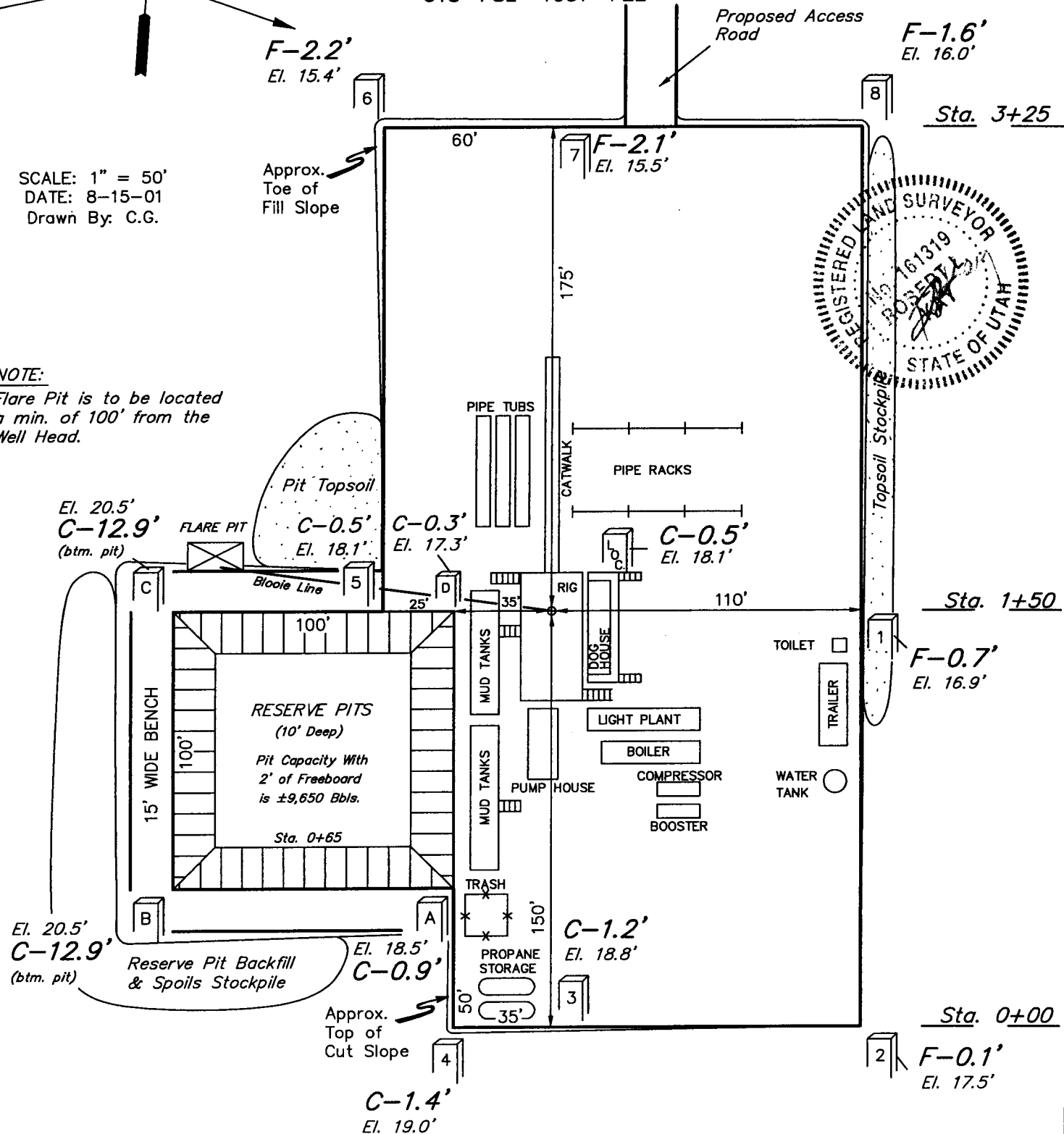


FIGURE #1

### NOTES:

Elev. Ungraded Ground At Loc. Stake = 4918.1'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4917.6'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

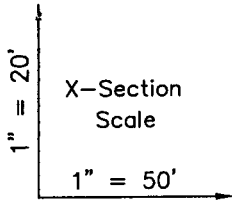
# EL PASO PRODUCTION OIL & GAS COMPANY

## TYPICAL CROSS SECTIONS FOR

NBU #411

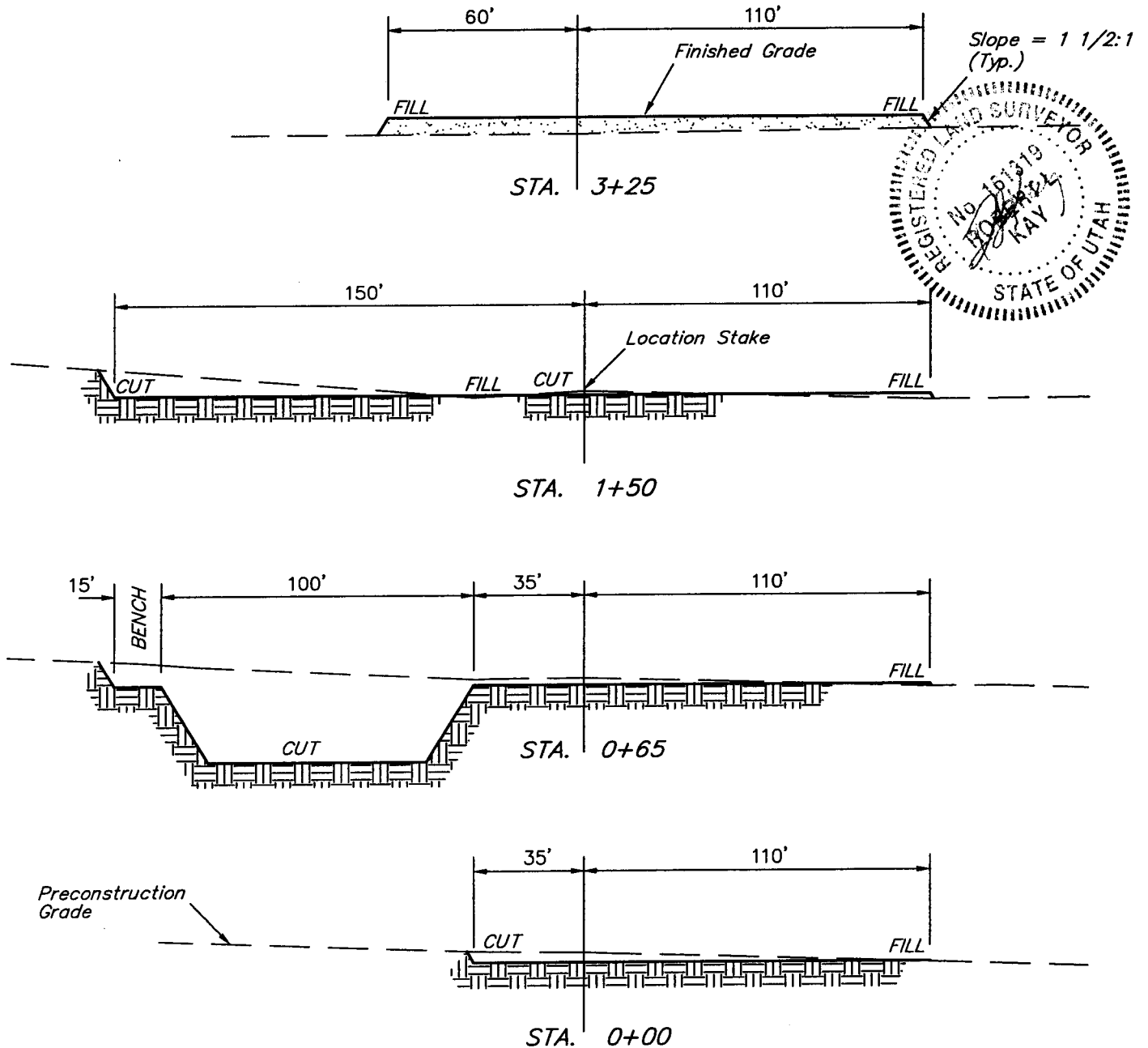
SECTION 32, T9S, R21E, S.L.B.&M.

613' FSL 1037' FEL



DATE: 8-15-01

Drawn By: C.G.



**FIGURE #2**

### APPROXIMATE YARDAGES

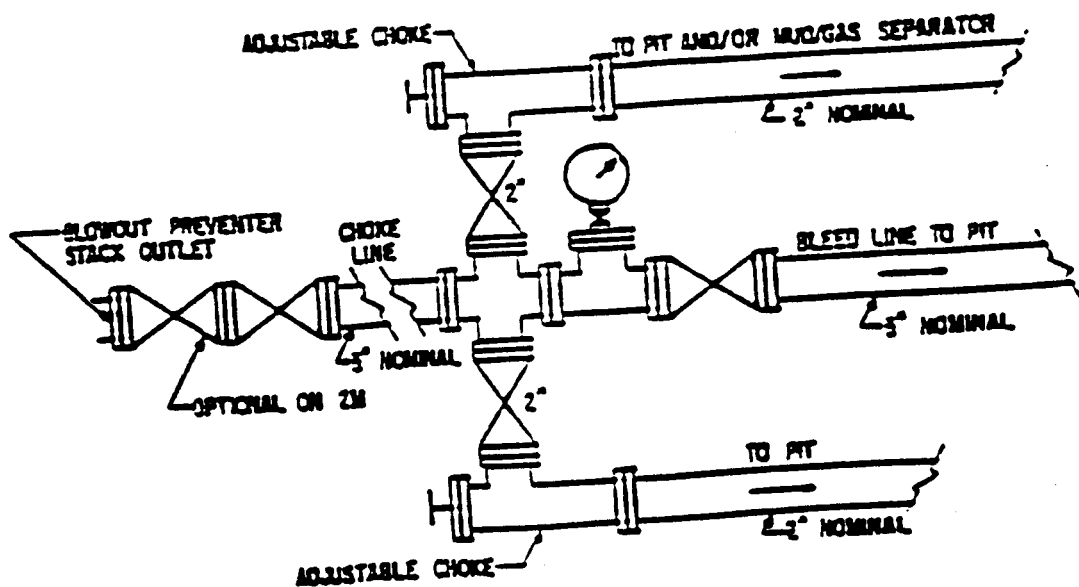
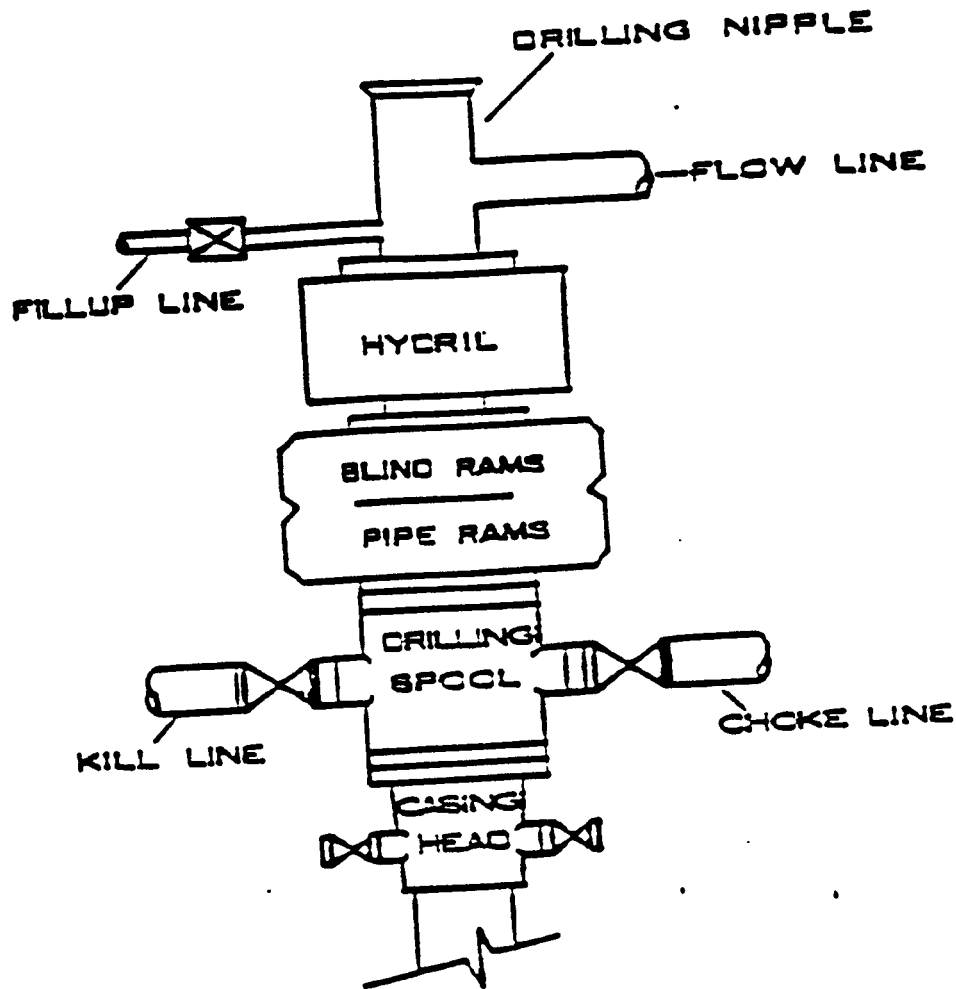
CUT	
(6") Topsoil Stripping	= 1,220 Cu. Yds.
Remaining Location	= 3,570 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 4,790 CU.YDS.</b>
<b>FILL</b>	<b>= 2,120 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,560 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,560 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

3,000 PSI

# EOP STACK



CULTURAL RESOURCE INVENTORY OF  
EL PASO PRODUCTION'S  
NATURAL BUTTES 10 WELL LOCATIONS,  
UINTAH COUNTY, UTAH

Keith R. Montgomery

**CULTURAL RESOURCE INVENTORY OF  
EL PASO PRODUCTION'S  
NATURAL BUTTES TEN WELL LOCATIONS,  
UINTAH COUNTY, UTAH**

**Keith R. Montgomery**

**Prepared For:**

**Bureau of Land Management  
(Vernal Field Office)**

**Prepared Under Contract With:**

**El Paso Production Oil and Gas Company  
1368 South 1200 East  
Vernal, Utah 84078**

**Prepared By:**

**Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532**

**MOAC Report No. 01-120**

**August 28, 2001**

**United States Department of Interior (FLPMA)  
Permit No. 01-UT-60122**

**State of Utah Antiquities Project (Survey)  
Permit No. U-01-MQ-0532b**

## INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC) in August 2001 for El Paso Production Oil and Gas Company proposed ten well locations. The proposed well locations are situated in the Natural Buttes area, southeast of Ouray, Utah. The survey was implemented at the request of Mr. Carroll Estes, El Paso Production Oil and Gas Company, Vernal, Utah. The project is situated on land administered by the Bureau of Land Management (BLM), Vernal Field Office.

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed on August 24, 2001 by Keith R. Montgomery, Principal Investigator for MOAC and Jacki Montgomery. The project was initiated under the auspices of U.S.D.I. (FLPMA) Permit No. 01-UT-60122 and State of Utah Antiquities Permit (Survey) No. U-01-MQ-0532b.

A file search was performed by Sarah Ball at the Utah Division of State History on August 21, 2001. This consultation indicated that numerous archaeological inventories have been completed in the project area. In 1991, Metcalf Archaeological Consultants (MAC) inventoried several Natural Butte well locations for Coastal Oil and Gas Corporation (Scott 1991a, b). No cultural resources were located. That same year, MAC inventoried 18 proposed well locations and access routes for Coastal Oil and Gas Corporation on State of Utah lands (O'Brien, Lubinski, and Scott 1991). One of the proposed well locations, CIGE #136, is near the current project area. No cultural resources were found during the inventory of this proposed well location and access route. In 1992, Archeological-Environmental Research Corporation (AERC) reported on its 1990 and 1991 cultural evaluations in eastern Utah for the Seep Ridge-Book Cliffs highway route and four alternate corridors (Hauck 1992). A total of 44 new archaeological sites were recorded, and an additional 33 previously recorded sites were relocated. The sites consisted of rock art, rock shelters, lithic scatters, habitations, temporary camps, a Ute burial, European American surface and dugout occupations, roadways, a historic cabin, a historic mine, a railroad, and historic inscriptions. Of the 77 total sites, 58 were evaluated as eligible for inclusion to the NRHP. In 1997, MAC conducted an inventory of five COG well locations and associated pipeline and access routes (Spath 1997). No cultural resources were found. A survey was conducted near the current project area in 2000 by AERC, and the



project number is U-00-AF-504. A report pertaining to this inventory is not on file at the federal or state agency offices. However, the file search indicated that the inventory resulted in a finding of no archaeological resources.

## DESCRIPTION OF PROJECT AREA

The ten proposed El Paso Production well locations are situated in the Natural Buttes Field, southeast of Ouray, Utah (Figures 1 and 2, Table 1). A total of 143.2 acres was inventoried. The proposed well locations are located on BLM administered land (Vernal Field Office).

### Environment

The study area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. The geology is comprised of Tertiary age deposits which include Paleocene age deposits, and Eocene age fluvial and lacustrine sedimentary rocks. The Uinta Formation, which is predominate in the project area, occurs as eroded outcrops formed by fluvial deposited, stream laid interbedded sandstone and mudstone, and is known for its prolific paleontological localities. The elevation ranges from 4940 to 5480 feet a.s.l. The project occurs within the Upper Sonoran Desert Shrub Association which includes shadscale, sagebrush, mat saltbrush, snakeweed, rabbitbrush, prickly pear cactus, Indian Ricegrass and non-native grasses. Modern disturbances include roads, and oil/gas development.

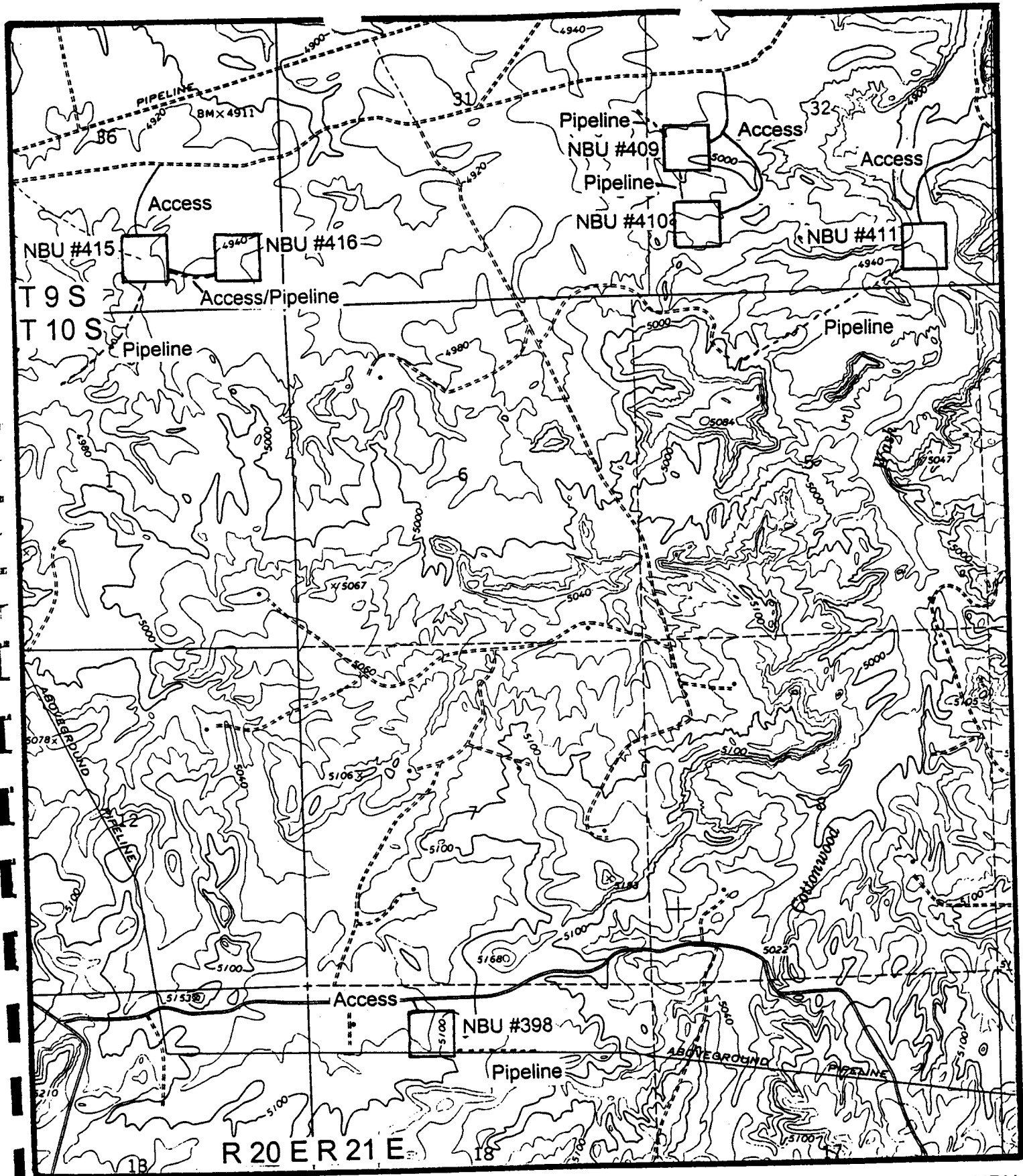


Figure 1. Inventory Area of El Paso Production Oil and Gas Company's NBU #398, NBU #409, NBU #410, NBU #411, NBU #415, and NBU #416, well locations. USGS 7.5' Big Pack Mtn. NE, Utah 1968. Scale 1:24000.

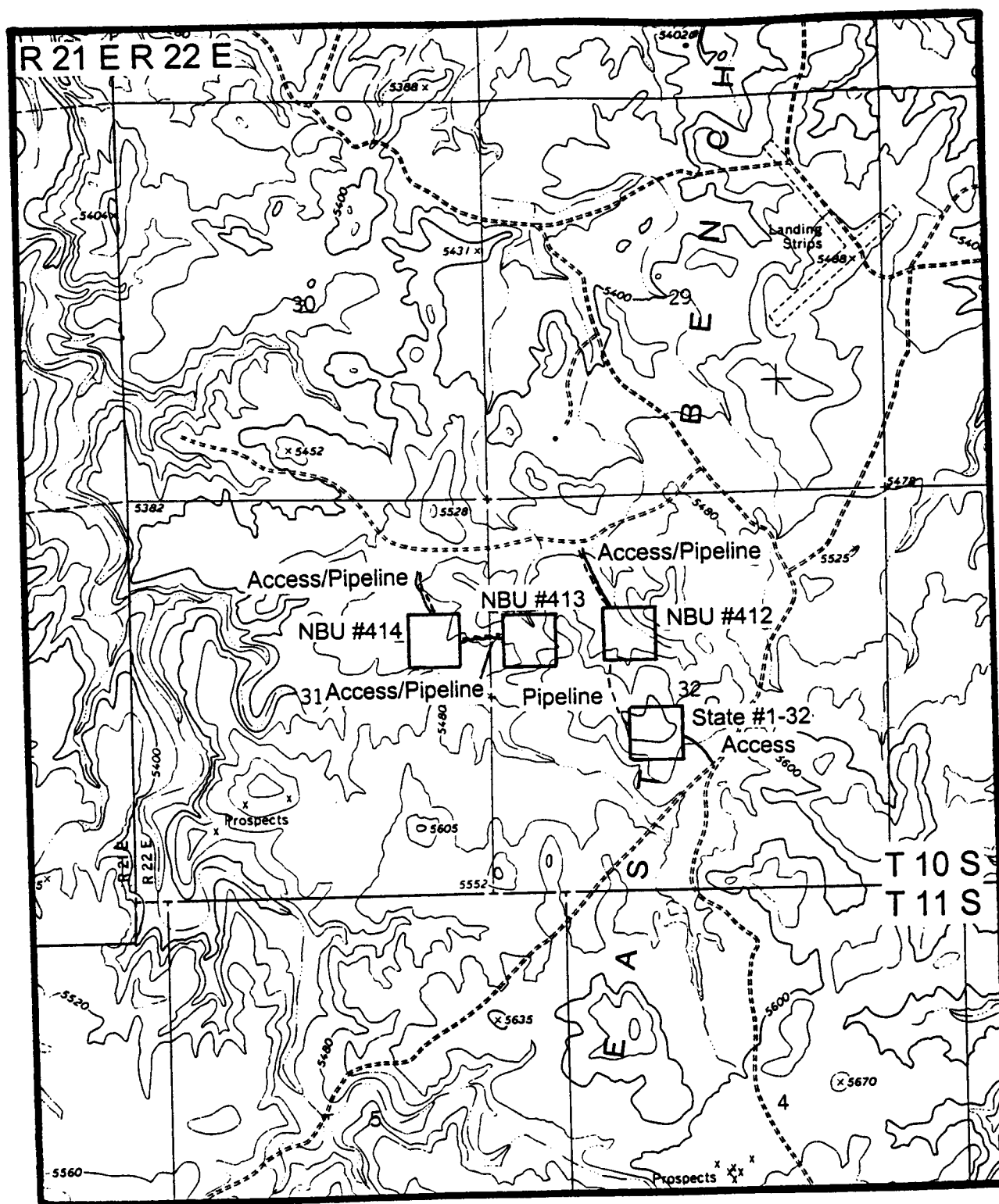


Figure 2. Inventory Area of El Paso Production Oil and Gas Company's NBU #412, NBU #413, NBU #414, and State #1-32 well locations. USGS 7.5' Archy Bench, Utah 1987. Scale 1:24000.

Table 1. El Paso Production's Natural Butte Ten Well Locations

Well Location Designation	Legal Location	Location at Surface	Access/Pipeline	Cultural Resources
NBU #398	T 10S, R 21E, Sec. 18 NE/NW	678' FNL 1867' FWL	Access 200' Pipeline 1200'	None
NBU #409	T 9S, R 21E, Sec. 32 NW/SW	2223' FSL 625' FWL	Access 1300' Pipeline 500'	None
NBU #410	T9S, R21E, Sec. 32 SW/SW	1052' FSL 778' FWL	Access 1800' Pipeline 500'	None
NBU #411	T9S, R21E, Sec. 32 SE/SE	612' FSL 1037' FEL	Access 1800' Pipeline 2800'	None
NBU #412	T10S, R22E, Sec. 32 SE/NW	1870' FNL 1860' FWL	Access/Pipeline 800'	None
NBU #413	T10S, R22E, Sec. 32 SW/NW	1906' FNL 546' FWL	Access/Pipeline 500'	None
NBU #414	T10S, R22E, Sec. 31 SE/NE	1885' FNL 724' FEL	Access/Pipeline 600'	None
NBU #415	T9S, R20E, Sec. 36 SW/SE	828' FSL 2085' FEL	Access 1100' Pipeline 2200'	None
NBU #416	T9S, R20E, Sec. 36 SE/SE	794' FSL 661' FEL	Access/Pipeline 700'	None
State #1-32	T10S, R22E, Sec. 32 NE/SW	2039' FSL 2196' FWL	Access 500' Pipeline 1000'	None

## SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At each of the proposed well locations, a ten acre area centered on the center stake of the location was surveyed by the archaeologists walking parallel transects space no more than 10 meters apart. The access and pipeline corridors were 100 feet wide, surveyed by walking parallel transects along the staked centerline, spaced no more than 10 m (30 ft) apart. A wider corridor (150 foot) was inspected when access/pipeline routes share a corridor. Ground visibility was considered to be good. A total of 143.2 acres was inventoried on BLM (Vernal Field Office) administered land.

## INVENTORY RESULTS AND RECOMMENDATIONS

The inventory of the ten proposed El Paso Production Oil and Gas Company well locations resulted in the location of no archaeological resources. Based on the findings, a determination of "no historic properties affected" is proposed for this development project pursuant to Section 106, CFR 800.

## REFERENCES CITED

- Hauck, F.R.  
1992 Archaeological Evaluations in the Northern Colorado Plateau Cultural Area. An Investigation of the Seep Ridge-Book Cliffs-Red Wash- Hay Canyon-Whetrock Canyon and Interstate 70-Exit 220 Alternative Highway Routes in Uintah And Grand Counties, Utah. Paper No. 45 of the Archeological-Environmental Research Corporation (AERC), Bountiful, Utah. On file at the Utah Division of State History, Salt Lake City.
- O'Brien, P.K., P.M. Lubinski, and J.M. Scott  
1991 Cultural Resources Inventory for 18 Proposed Coastal Oil and Gas Corporation Well and Access Locations on State of Utah Lands, Uintah County, Utah. Metcalf Metcalf Archaeological Consultants, Eagle, CO. Project No. U-91-MM-044(s). On file at the Utah Division of State History.
- Scott, J.M.  
1991 NBU #176 Cultural Resource Inventory in Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, CO. Project No. U-91-MM-607(b,i). On file at the Utah Division of State History.
- Scott, J.M.  
1991 NBU #179 Cultural Resource Inventory in Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, CO. Project No. U-91-MM-607(b,i). On file at the Utah Division of State History.
- Spath, C.  
1997 Coastal Oil and Gas Corporation's Proposed CIGE #s 203, 210, 212, 220 and NBU #272 Well Pads, Pipelines and Access, Section 34, T9S, R21E, Sections 31 and 34, T9S, R22E, Section 16, T10S, R21E, and Section 11, T10S, R22E, Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, CO. Project No. U-97-MM-0120s. On file at the Utah State Division of History, Salt Lake City.
- Stokes, W.L.  
1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

002

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/12/2001

API NO. ASSIGNED: 43-047-34422

WELL NAME: NBU 411

OPERATOR: EL PASO PROD OIL & GAS ( N1845 )

CONTACT: CHERYL CAMERON

PHONE NUMBER: 435-781-7023

PROPOSED LOCATION:

SESE 32 090S 210E

SURFACE: 0613 FSL 1037 FEL

BOTTOM: 0613 FSL 1037 FEL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 3 - State

LEASE NUMBER: ML-48758 *lc*

SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSTC

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	1/2/02
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[] Ind[] Sta[3] Fee[]  
(No. 400JU0705 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
(No. 43-8496 )

☒ RDCC Review (Y/N)  
(Date: )

☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit NATURAL BUTTES

\_\_\_ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

☒ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 100

Eff Date:

Siting:

\_\_\_ R649-3-11. Directional Drill

COMMENTS: Need presite. (1/20-02)

STIPULATIONS:

1- oil shale  
2- statement of basis.  
3- Surface Cement Stop





COUNTY: UINTAH      CAUSE NO: 173-14



# 01-02 El Paso NBU 411

## Casing Schematic

Surface

Urate

8-5/8"  
MW 8.3  
Frac 19.3

TOC @  
0.

TOC @  
7.

Surface  
250. MD

12 1/4" hole w/08 washout  
TOC = 7'

11" hole w/108 washout  
TOC = Surface

BOP

$$BHP(0.052)(8.4)(7000) = 3058 \text{ psi}$$

$$\text{Anticipated} = 2800 \text{ psi}$$

$$\frac{GAS}{(0.12)(7000)} = 840 \text{ psi}$$

$$MASP = 2218 \text{ psi}$$

3M BOP E Proposed  
Adequate DND  
1/21/02

1570'  
Green River

4800'  
Washout

4-1/2"  
MW 8.4

Production  
7000. MD

W/158 washout

Well name:		<b>01-02 El Paso NBU 411</b>	
Operator:	<b>El Paso Production Company</b>	Project ID:	43-047-34422
String type:	Surface		
Location:	Uintah County		

**Design parameters:**

**Collapse**

Mud weight: 8.330 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 68 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 200 ft

Cement top: 7 ft

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.436 psi/ft  
Calculated BHP 109 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on air weight.  
Neutral point: 219 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 7,000 ft  
Next mud weight: 8.400 ppg  
Next setting BHP: 3,055 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 250 ft  
Injection pressure 250 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	250	8.625	24.00	K-55	ST&C	250	250	7.972	12
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	108	1370	12.66	109	2950	27.04	6	263	43.83 J

Prepared by: Dustin Doucet  
Utah Dept. of Natural Resources

Phone: 801-538-5281  
FAX: 801-359-3940

Date: January 2, 2002  
Salt Lake City, Utah

ENGINEERING STIPULATIONS: Surface casing cemented to surface; Oil shale  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 250 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>01-02 El Paso NBU 411</b>	
Operator:	<b>El Paso Production Company</b>	Project ID:
String type:	Production	43-047-34422
Location:	Uintah County	

**Design parameters:**
**Collapse**

Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**
**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 163 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 368 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.436 psi/ft  
Calculated BHP 3,054 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 6,121 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7000	4.5	11.60	K-55	LT&C	7000	7000	3.875	162.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3054	4960	1.62	3054	5350	1.75	81	180	2.22 J

Prepared by: Dustin Doucet  
Utah Dept. of Natural Resources

Phone: 801-538-5281  
FAX: 801-359-3940

Date: January 2, 2002  
Salt Lake City, Utah

ENGINEERING STIPULATIONS: Surface casing cemented to surface; Oil shale

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 7000 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

**Operator Name:** EL PASO PRODUCTION OIL AND GAS COMPANY  
**Well Name & Number:** NBU 411  
**API Number:** 43-047-34422  
**Location:** 1/4,1/4 SE/SE Sec. 32 T. 9S R. 21E

**Geology/Ground Water:**

El Paso proposes to set 250' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 3,900'. A search of Division of Water Rights records shows one water well within a 10,000 foot radius of the center of section 32. This well is 1667' deep and is listed as an industrial well. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought to above the base of the moderately saline groundwater in order to isolate it from fresher waters uphole.

**Reviewer:** Brad Hill  
**Date:** 12/26/2001

**Surface:**

The pre-drill investigation of the surface was performed on 12/20/2001. Surface and minerals owner is State of Utah. SITLA and DWR were notified of this investigation on 12/18/2001. Miles Hanberg was present and represented DWR. SITLA did not have a representative present. Reserve pit will be constructed southwest of well bore. Cottonwood Wash is 250' east of site. This wash has running water only during or after rainstorms or during runoff in the Spring.

**Reviewer:** David W. Hackford  
**Date:** 12/21/2001

**Conditions of Approval/Application for Permit to Drill:**

None.

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

**OPERATOR:** EL PASO PRODUCTION OIL AND GAS COMPANY  
**WELL NAME & NUMBER:** NBU 411  
**API NUMBER:** 43-047-34422  
**LEASE:** ML-48758 **FIELD/UNIT:** NATURAL BUTTES  
**LOCATION:** 1/4, 1/4 SE/SE SEC: 32 TWP: 9S RNG: 21E  
1037' F E L 613' F S L  
**LEGAL WELL SITING:** Board Spaced area requiring 460' from unit  
boundary and uncommitted tracts.  
**GPS COORD (UTM):** 12622130E 4427213N  
**SURFACE OWNER:** STATE OF UTAH

**PARTICIPANTS:**

CARROLL WILSON, CLAY EINERSON, RON RYAN, (EL PASO): ROBERT KAY,  
(U.E.L.S.): DAVID HACKFORD, (D.O.G.M.): MILES HANBERG, (D.W.R.).

**REGIONAL/LOCAL SETTING & TOPOGRAPHY:**

SITE IS 13.2 MILES SOUTHEAST OF OURAY, UTAH AND 5.0 MILES EAST  
OF THE SEEP RIDGE ROAD ON A RELATIVELY FLAT AREA 250' WEST OF  
COTTONWOOD WASH. THIS WASH RUNS TO THE NORTH TO THE WHITE RIVER  
5.1 MILES AWAY.

**SURFACE USE PLAN:**

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING.  
HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WOULD BE 325' BY 245'  
AND ACCESS ROAD WOULD BE 0.4 MILES.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE  
ATTACHED MAP FROM GIS DATABASE

LOCATION OF PRODUCTION FACILITIES AND PIPELINES:  
ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED  
AFTER DRILLING WELL. PIPELINE WILL RUN 0.7 MILES TO THE  
SOUTHWEST AND TIE INTO AND EXISTING LINE AT THE NBU 125.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL  
WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

**WASTE MANAGEMENT PLAN:**

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

**ENVIRONMENTAL PARAMETERS:**

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, SALTBRUSH, PRICKLY PEAR, GREASEWOOD, SHADSCALE, SAGE, RABBIT BRUSH: SONGBIRDS, RAPTORS, PRONGHORN, RODENTS, COYOTES.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE ANY INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

**RESERVE PIT:**

CHARACTERISTICS: 100' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL NOT BE REQUIRED IN RESERVE PIT.

**SURFACE RESTORATION/RECLAMATION PLAN:**

AS PER S.I.T.L.A.

**SURFACE AGREEMENT:** AS PER S.I.T.L.A.

**CULTURAL RESOURCES/ARCHAEOLOGY:** SITE WAS INSPECTED BY MONTGOMERY ARCHAEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.

**OTHER OBSERVATIONS/COMMENTS:**

THE PRE-DRILL INVESTIGATION TOOK PLACE ON A COLD, CLOUDY DAY, WITH SIX INCHES OF SNOW COVER.

**ATTACHMENTS:**

PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD  
**DOGM REPRESENTATIVE**

12/20/01-12:30 PM  
**DATE/TIME**



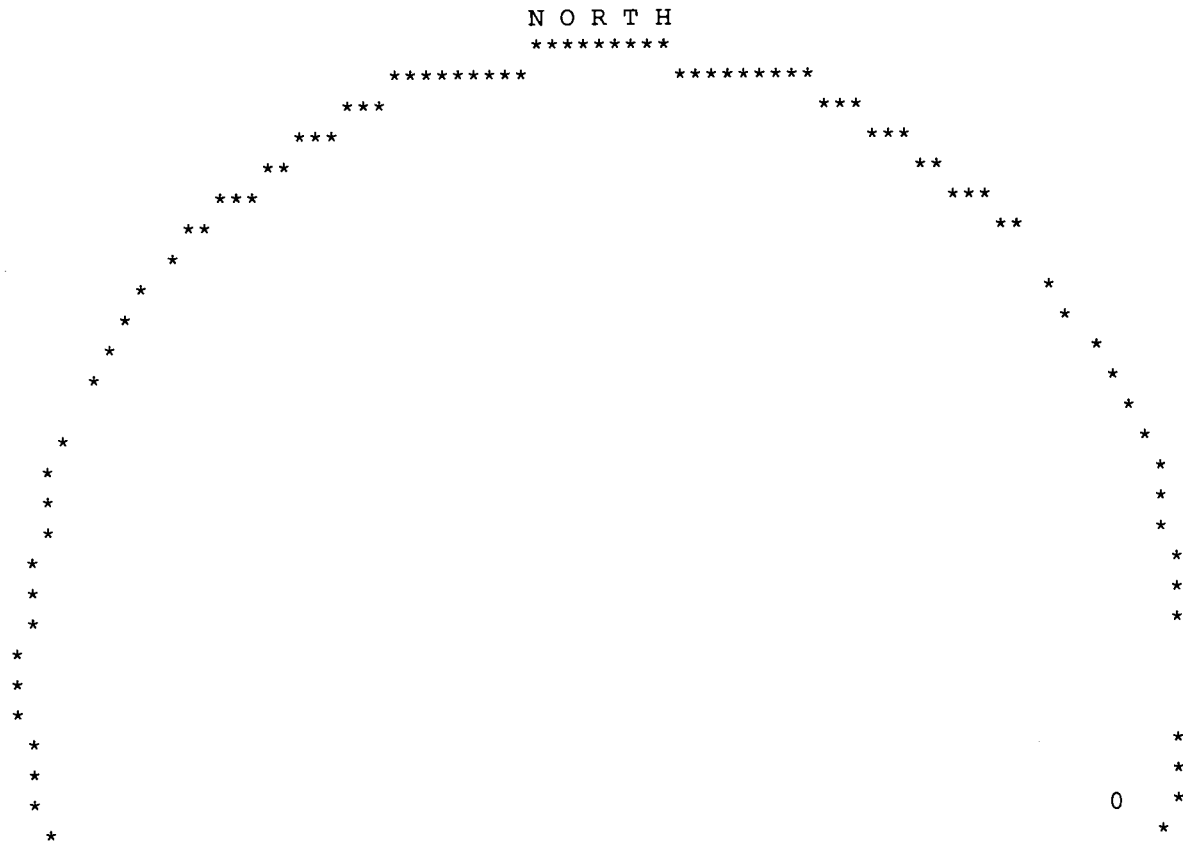
**Evaluation Ranking Criteria and Ranking Score  
For Reserve and On-site Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
<b>Distance to Groundwater (feet)</b>		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
<b>Distance to Surf. Water (feet)</b>		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
<b>Distance to Nearest Municipal Well (feet)</b>		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
<b>Distance to Other Wells (feet)</b>		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
<b>Native Soil Type</b>		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>0</u>
<b>Fluid Type</b>		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
<b>Drill Cuttings</b>		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
<b>Annual Precipitation (inches)</b>		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
<b>Affected Populations</b>		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
<b>Presence of Nearby Utility</b>		
<b>Conduits</b>		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
<b>Final Score</b>		<u>10</u>

UTAH DIVISION OF WATER RIGHTS  
WATER RIGHT POINT OF DIVERSION PLOT CREATED WED, DEC 26, 2001, 3:43 PM  
PLOT SHOWS LOCATION OF 1 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 10000 FEET FROM A POINT  
FEET, FEET OF THE CT CORNER,  
SECTION 32 TOWNSHIP 9S RANGE 21E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET



(

1

1



003



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

January 3, 2002

El Paso Production Oil & Gas Company  
PO Box 1148  
Vernal, UT 84078

Re: Natural Buttes Unit 411 Well, 613' FSL, 1037' FEL, SE SE, Sec. 32, T. 9 South,  
R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34422.

Sincerely,

A handwritten signature in black ink, appearing to read 'J.R. Baza', written over a horizontal line.

John R. Baza  
Associate Director

er

Enclosures

cc: Uintah County Assessor  
SITLA

Bureau of Land Management, Vernal Field Office

**Operator:** El Paso Production Oil & Gas Company  
**Well Name & Number** Natural Buttes Unit 411  
**API Number:** 43-047-34422  
**Lease:** ML 48758

**Location:** SE SE                      **Sec.** 32                      **T.** 9 South                      **R.** 21 East

### **Conditions of Approval**

1.     **General**  
Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.
2.     **Notification Requirements**  
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
  - 24 hours prior to cementing or testing casing
  - 24 hours prior to testing blowout prevention equipment
  - 24 hours prior to spudding the well
  - within 24 hours of any emergency changes made to the approved drilling program
  - prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

  - Dan Jarvis at (801) 538-5338
  - Carol Daniels at (801) 538-5284 (spud)
3.     **Reporting Requirements**  
All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.
4.     Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5.     In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
6.     Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
7.     Surface casing shall be cemented to the surface.



JAN. 17. 2003 3:34PM

PORT

NO. 173

P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

**February 1, 2002**

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

**RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.**

**Dear Ms. Maxwell:**

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



# United States Department of the Interior **RECEIVED**

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

### NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

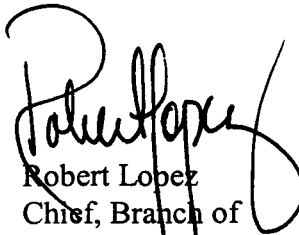
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

UNITED STATES GOVERNMENT

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.


We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono



**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

CONFIDENTIAL

005

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number ML-48758
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement Natural Buttes Unit
		9. Well Name and Number NBU #411
		10. API Well Number 43-047-34422
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		11. Field and Pool, or Wildcat Natural Buttes
2. Name of Operator El Paso Production Oil & Gas Company		
3. Address of Operator P.O. Box 1148 Vernal, Utah 84078	4. Telephone Number (435) 781-7024	
5. Location of Well Footage : 613'FSL & 1037'FEL      County : Uintah QQ, Sec, T., R., M. : SESE Section 32-T9S-R21E      State : Utah		
12. <b>CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		

<p align="center"><b>NOTICE OF INTENT</b> (Submit in Duplicate)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>APD Extension</u></td> <td></td> </tr> </table> <p>Approximate Date Work Will Start <u>Immediate</u></p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>APD Extension</u>		<p align="center"><b>SUBSEQUENT REPORT</b> (Submit Original Form Only)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.        * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
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<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion																										
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>APD Extension</u>																											
<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction																										
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<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THE OPERATOR REQUESTS THAT THE APD FOR THE SUBJECT WELL BE EXTENDED FOR AN ADDITIONAL YEAR SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED.

COPY SENT TO OPERATOR  
 Date: 01-16-03  
 Initials: CHD

**Approved by the  
 Utah Division of  
 Oil, Gas and Mining**

Date: 01-15-03  
 By: [Signature]

**RECEIVED**  
 101323  
 DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature Sheila Upchego Title Regulatory Analyst Date 01/06/03  
 (State Use Only)



# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

A handwritten signature in black ink, reading "Perry E. Brown", is positioned above the title of the signatory.

Director, Office of Trust Responsibilities

**ACTING**

Enclosure





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza Houston TX 77064-0995		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		8. WELL NAME and NUMBER: Exhibit "A"
PHONE NUMBER: (832) 676-5933		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:
		COUNTY:
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

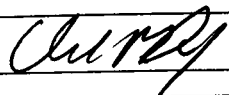
EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.		TITLE	Agent and Attorney-in-Fact
NAME (PLEASE PRINT)	David R. Dix	DATE	12/17/02
SIGNATURE			

(This space for State use only)

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>SUCCESSOR OF</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>OPERATOR</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

DIV. OF OIL, GAS &amp; MINING

## THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

## OPERATOR CHANGE WORKSHEET

004

## ROUTING

1. GLH

2. CDW /

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 12-17-02

<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

NATURAL BUTTES

## WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 377	31-09S-21E	43-047-34363	99999	FEDERAL	GW	APD
NBU 378	31-09S-21E	43-047-34364	2900	FEDERAL	GW	P
NBU 409	32-09S-21E	43-047-34421	99999	STATE	GW	APD
NBU 411	32-09S-21E	43-047-34422	99999	STATE	GW	APD
NBU 424-32E	32-09S-21E	43-047-33699	2900	STATE	GW	P
NBU 27	33-09S-21E	43-047-30304	2900	STATE	GW	PA
NBU 27-A	33-09S-21E	43-047-30398	2900	STATE	GW	PA
NBU 262	33-09S-21E	43-047-32929	2900	FEDERAL	GW	S
NBU 396	33-09S-21E	43-047-34480	2900	FEDERAL	GW	DRL
NBU 428	33-09S-21E	43-047-34709	99999	STATE	GW	APD
NBU 438	33-09S-21E	43-047-34787	99999	STATE	GW	APD
NBU CIGE 56-34-9-21	34-09S-21E	43-047-30530	2900	STATE	GW	P
NBU CIGE 87D-34-9-21	34-09S-21E	43-047-30869	2900	STATE	GW	P
NBU 98V	34-09S-21E	43-047-31327	2900	FEDERAL	GW	TA
CIGE 114-34-9-21	34-09S-21E	43-047-31915	2900	FEDERAL	GW	S
CIGE 143-34-9-21	34-09S-21E	43-047-31995	2900	FEDERAL	GW	P
NBU 221	34-09S-21E	43-047-32499	2900	FEDERAL	GW	PA
NBU 221X	34-09S-21E	43-047-32545	2900	STATE	GW	P
CIGE 236-34-9-21	34-09S-21E	43-047-32861	2900	STATE	GW	P
CIGE 203-34-9-21	34-09S-21E	43-047-32881	2900	STATE	GW	P

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/18/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/18/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

006

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleting horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleting in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped.

The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached.

Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date:

Initials:

Title

Date:

Initials:

Operations Manager

9-2-2003

SEP 10 2003

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval of This  
Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date: 9/16/03

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



**Project Economics Worksheet****Instructions:**

Fill in blue boxes with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

**Condensate Shrinkage Economics**Is this job a well pull or production rig job ??? ☒ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULLING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350</b>

Increased OPX Per Year

**Investment Breakdown:**

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

**Production & OPX Detail:**

	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002
Gas Production	0	MCFPD	0	MCFPD	0
Wtr Production	0	BWPD	0	BWPD	0
Horse Power		HP		HP	0
Fuel Gas Burned		MCFPD		MCFPD	0

**Project Life:**

Life =  Years  
(Life no longer than 20 years)

**Internal Rate of Return:**After Tax IROR = **AT Cum Cashflow:**Operating Cashflow =  (Discounted @ 10%)**Payout Calculation:**

Payout =  $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$  = 1

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

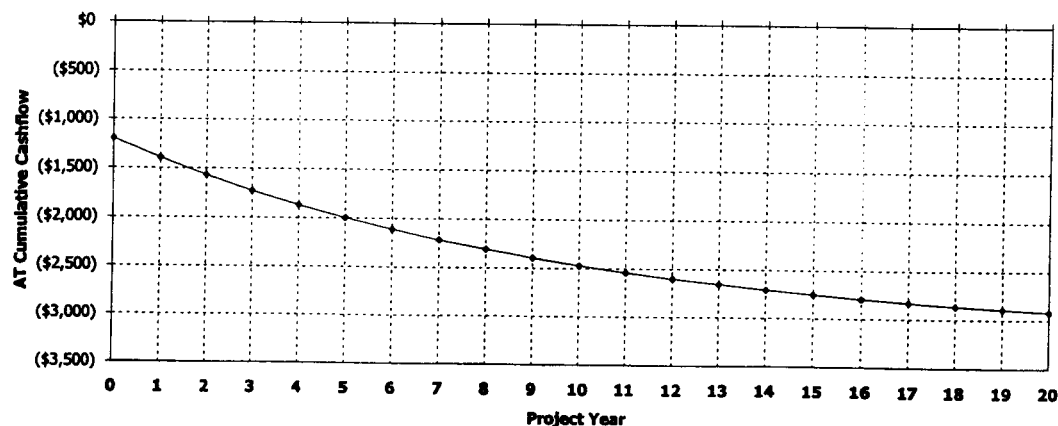
Payout =  Years or  Days**Gross Reserves:**

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

**Notes/Assumptions:**

An average NGL well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



# Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

## COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000) (B)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

### Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

### Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

CONFIDENTIAL

007

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
 Use APPLICATION FOR PERMIT -- for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify) _____		6. Lease Designation and Serial Number ML-48758
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		7. Indian Allottee or Tribe Name
3. Address of Operator 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078		8. Unit or Communitization Agreement NATURAL BUTTES UNIT
4. Telephone Number (435)781-7060		9. Well Name and Number NBU 411
5. Location of Well Footage : 613' FSL 1037' FEL QQ, Sec, T., R., M : SESE SEC 32-T9S-R21E		10. API Well Number 43-047-34422
		11. Field and Pool, or Wildcat NATURAL BUTTES
County : UINTAH State : UTAH		

**12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**
**NOTICE OF INTENT**  
 (Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>APD EXTENSION</u>	

Approximate Date Work Will Start IMMEDIATE
**SUBSEQUENT REPORT**  
 (Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THE OPERATOR REQUESTS THAT THE APD FOR THE SUBJECT WELL BE EXTENDED FOR AN ADDITIONAL YEAR SO THAT DRILLING OPERATIONS MAY BE COMPLETED.

**Approved by the**  
**Utah Division of**  
**Oil, Gas and Mining**

 Date: 01-22-04  
 By: [Signature]

RECEIVED

JAN 12 2004

DIV. OF OIL, GAS &amp; MINING

COPY SENT TO OPERATOR

 Date: 1-23-04  
 Initials: CD

14. I hereby certify that the foregoing is true and correct.

 Name & Signature DEBRA DOMENICI [Signature] Title SR ADMIN ASSIST Date 01/09/04

(State Use Only)

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-34422  
**Well Name:** NBU 411  
**Location:** NATURAL BUTTES  
**Company Permit Issued to:** WESTPORT OIL & GAS COMPANY, L.P.  
**Date Original Permit Issued:** 1/3/2002

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Debra Domenech  
Signature

1/12/2004

Date

Title: SR ADMINISTRATIVE ASSISTANT

Representing: WESTPORT OIL & GAS COMPANY, L.P.

**RECEIVED**

**JAN 15 2004**

DIV. OF OIL, GAS & MINING

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 332	10-10-21 NWSW	UTU01416A	891008900A	430473364000S1
NBU 333	13-10-21 SWSW	ML23608	891008900A	430473364100S1 ✓
NBU 335	4-10-22 SENE	UTU01191	891008900A	430473372400S1
NBU 336	4-10-22 NWNE	U-01191	891008900A	430473402700S1
NBU 337	4-10-22 SENW	U-01191-A	891008900A	430473402000S1
NBU 338	5-10-22 NESE	UTU01191	891008900A	430473405800S1
NBU 339	5-10-22 NWSE	UTU01191	891008900A	430473440600S1
NBU 340	6-10-22 SWNE	UTU01195	891008900A	430473372500S1
NBU 340X	6-10-22 SWNE	UTU01195	891008900A	430473401500S1
NBU 341	6-10-22 SWNW	UTU464	891008900A	430473372600S1
NBU 342	7-10-22 NWSE	UTU468	891008900A	430473372700S1
NBU 343	8-10-22 NWNE	UTU01196C	891008900A	430473371900S1
NBU 344	8-10-22 SWNE	UTU01196C	891008900A	430473402100S1
NBU 345	10-10-22 SWNE	UTU02587	891008900A	430473370400S1 ✓
NBU 345-4E	4-10-21 SWSW	UTU01393B	891008900A	430473470000S1 ✓
NBU 347	11-10-22 NWSW	UTU01197A	891008900A	430473370900S1 ✓
NBU 348	11-10-22 SWSW	UTU01197A-ST	891008900A	430473400100S1
NBU 349	11-10-22 SWSE	UTU01197A-ST	891008900A	430473400200S1 ✓
NBU 350	14-10-22 NWNE	UTU01197A	891008900A	430473364200S1 ✓
NBU 351	30-10-22 SESE	UTU0132568A	891008900A	430473366800S1
NBU 352	9-9-21 SWNW	UTU0149767	891008900A	430473392200S1
NBU 353	27-9-21 SENW	U01194A	891008900A	430473320500S1 ✓
NBU 354	31-9-22 NENW	UTU464	891008900A	430473323100S1
NBU 356	30-9-22 NENW	U463	891008900A	430473323200S1
NBU 357	15-10-21 SWSW	UTU01791A	891008900A	430473372800S1
NBU 358	16-10-21 SESW	ML10755	891008900A	430473370800S1
NBU 359	29-10-21 NWNE	ML21330	891008900A	430473370600S1
NBU 360	29-10-22 SESW	UTU0145824	891008900A	430473377300S1
NBU 361	32-10-22 NWNW	ML22798	891008900A	430473370500S1 ✓
NBU 362	28-9-21 SESW	UTU0576	891008900A	430473377400S1
NBU 363	28-9-21 SESE	UTU0576	891008900A	430473377500S1
NBU 364	29-9-21 SESE	UTU0581	891008900A	430473377600S1
NBU 365	3-10-21 SESE	UTU0149078	891008900A	430473377700S1
NBU 366	10-10-21 NWNW	UTU0149079	891008900A	430473372900S1
NBU 367	11-10-22 NESW	UTU01197A-ST	891008900A	430473370700S1 ✓
NBU 370	17-9-21 NWSW	UTU0575	891008900A	430473467200S1 ✓
NBU 371	8-9-21 SWSE	UTU0575B	891008900A	430473467300S1 ✓
NBU 375	12-9-21 SWNE	UTU0141317	891008900A	430473444000S1 ✓
NBU 376	12-9-21 NENE	UTU0141317	891008900A	430473444100S1 ✓
NBU 377	31-9-21 NENW	UTU0582	891008900A	430473436300S1
NBU 378	31-9-21 NWNE	UTU0582	891008900A	430473436400S1
NBU 381	23-10-22 SESW	UTU01198B	891008900A	430473423400S1
NBU 382	22-10-22 SENW	U-01198-B	891008900A	430473423500S1
NBU 383	21-10-22 SESW	U-489	891008900A	430473423600S1
NBU 384	30-10-22 SENW	UTU0132568A	891008900A	430473423700S1 ✓
NBU 385	18-10-22 SENW	ML22973	891008900A	430473422800S1
NBU 386	17-10-22 NESE	UTU470	891008900A	430473423800S1
NBU 387	23-10-21 SWSE	U-02277-A	891008900A	430473423900S1
NBU 388	22-10-21 SENW	U-02278-A	891008900A	430473424000S1
NBU 389	28-10-21 NENE	ML21329	891008900A	430473422900S1
NBU 390	30-10-21 SESE	ML22793	891008900A	430473423000S1
NBU 391	17-9-21 NWNW	UTU0575	891008900A	430473487400S1
NBU 393	22-9-20 SWNW	U0577B	891008900A	43047348640S1
NBU 394	11-10-22 SWSE	UTU01197A-ST	891008900A	430473480400S1 ✓
NBU 395	27-9-21 SWSW	UTU01194A-ST	891008900A	430473437400S1 ✓
NBU 396	33-9-21 NENW	UTU0576	891008900A	430473448000S1 ✓
NBU 397	26-10-20 NESW	UTU4478	891008900A	430473436500S1
NBU 398	16-10-21 NENW	UTU02270A	891008900A	430473436600S1
NBU 399	14-10-21 NWNW	UTU465	891008900A	430473440900S1
NBU 400	16-10-21 NENW	ML10755	891008900A	430473479400S1
NBU 401	23-10-21 NENE	UTU02278A	891008900A	430473480100S1
NBU 404	32-9-22 SWSE	ML22649	891008900A	430473437800S1 ✓
NBU 405	27-9-21 NENE	UTU01194A-ST	891008900A	430473440700S1 ✓
NBU 407	32-10-22 NENW	ML22798	891008900A	430473431800S1 ✓
NBU 408	31-10-22 NENE	UTU0143551	891008900A	430473459000S1 ✓
NBU 409	32-9-21 NWSW	ML48758	891008900A	430473442100S1 ✓
NBU 410	32-9-21 SWSW	ML48758	891008900A	430473487200S1
NBU 411	32-9-21 SESE	ML48758	891008900A	430473442200S1 ✓
NBU 412	32-10-22 SENW	ML22798	891008900A	430473431900S1 ✓
NBU 413	32-10-22 SWNW	ML22798	891008900A	430473432000S1 ✓
NBU 414	31-10-22 SENE	UTU0143551	891008900A	430473438700S1
NBU 414-20E	20-9-21 NWNE	U0143551/U0575	891008900A	430473477900S1
NBU 415-20E	20-9-21 SWNE	UTU0575	891008900A	430473448900S1 ✓
NBU 416	36-9-20 SESE	ML48757	891008900A	430473442300S1 ✓
NBU 418	12-9-21 NWNW	UTU0141317	891008900A	430473477700S1

009

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR WESTPORT O&G COMPANY L.P.  
ADDRESS 1368 SOUTH 1200 EAST  
VERNAL, UTAH 84078

OPERATOR ACCT. NO. N 2115

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	14512	43-047-34422	STATE 921-32P	SESE	32	9S	21E	UINTAH	1/17/2005	1/20/05

WELL 1 COMMENTS:

MIRU PETE MARTIN BUCKET RIG

SPUD WELL LOCATION ON 1/17/05 AT 8:00 AM.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	14513	43-047-34423	STATE 920-36P	SESE	36	9S	20E	UINTAH	1/18/2005	1/20/05

WELL 2 COMMENTS:

MIRU PETE MARTIN BUCKET RIG.

SPUD WELL LOCATION ON 1/18/05 AT 11:00 AM

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	2900	43-047-35801	NBU 1022-17I	NESE	17	10S	22E	UINTAH	1/17/2005	1/20/05

WELL 3 COMMENTS:

MIRU PETE MARTIN BUCKET RIG.

SPUD WELL LOCATION ON 1/17/05 AT 7:00 AM.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	14514	43-047-36045	LIZZARD 1122-21O	SWSE	21	11S	22E	UINTAH	1/19/2005	

WELL 4 COMMENTS:

MIRU PETE MARTIN BUCKET RIG.

SPUD WELL LOCATION ON 1/19/05 2:00 PM.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Post-it® Fax Note 7671

To	ERINIE RUSSELL	Date		# of pages	▶
Co./Dept.	UTDMM	From	Shella Wagono		
Phone #	(801) 528-5330	Phone #	WESTPORT OIL & GAS CO		
Fax #	(801) 369-3740	Fax #	(435) 781-7024		

Signature *Shella Wagono*

REGULATORY ANALYST 01/19/05

Title Date

Phone No. (435) 781-7024

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JAN 19 2005

DIVISION OF OIL, GAS & MINING

P. 01

FAX NO. 4357817094

JAN-19-2005 WED 10:26 AM EL PASO PRODUCTION



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>CONFIDENTIAL</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48758
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 613'FSL & 1037'FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 32 9S 21E		8. WELL NAME and NUMBER: STATE 921-32P
PHONE NUMBER: (435) 781-7024		9. API NUMBER: 4304734422
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

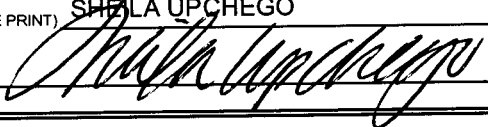
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/17/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: WELL SPUD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" CONDUCTOR PIPE TO 40'.  
CMT W/28 SX READY MIX CMT.

SPUD WELL LOCATION ON 1/17/05 AT 8:00 AM.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE 	DATE 1/19/2005

(This space for State use only)

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JAN 24 2005

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

008


<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number <b>ML-48758</b>
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number <b>NBU #411</b>
2. Name of Operator <b>WESTPORT OIL &amp; GAS COMPANY L.P.</b>		10. API Well Number <b>43-047-34422</b>
3. Address of Operator <b>1368 SOUTH 1200 EAST VERNAL, UT 84078</b>	4. Telephone Number <b>(435) 781-7024</b>	11. Field and Pool, or Wildcat <b>NATURAL BUTTES UNIT</b>
5. Location of Well Footage : 613'FSL & 1037'FEL      County : UINTAH QQ, Sec, T., R., M : SESE SECTION 32-T9S-R21E      State : UTAH		
12. <b>CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		

<p align="center"><b>NOTICE OF INTENT</b> (Submit in Duplicate)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other <u>CHANGE TO NAME AND NUMBER</u></td> </tr> </table> <p>Approximate Date Work Will Start <u>IMMEDIATE</u></p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>CHANGE TO NAME AND NUMBER</u>		<p align="center"><b>SUBSEQUENT REPORT</b> (Submit Original Form Only)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other _____</td> </tr> </table> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.        * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion																										
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<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THE OPERATOR REQUESTS AUTHORIZATION TO CHANGE THE SUBJECT WELL LOCATION FROM NBU #411 TO STATE 921-32P. THE SUBJECT WELL IS NOT IN THE NATURAL BUTTES UNIT.

14. I hereby certify that the foregoing is true and correct.

Name & Signature Sheila Upchego  Title Regulatory Analyst Date 01/21/04

(State Use Only)

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**JAN 26 2004**

011

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48758
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NATURAL BUTTES UNIT
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY: VERNAL STATE: UT ZIP: 84078		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 613'FSL & 1037'FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 36 9S 21E		8. WELL NAME and NUMBER: STATE 921-32P
PHONE NUMBER: (435) 781-7024		9. API NUMBER: 4304734422
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 2/3/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: DRILLING OPERATIONS
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

## 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU BILL MARTIN AIR RIG. DRILLED 12 1/4" SURFACE HOLE TO 2540'. RAN 9 5/8" 32.3# H-40 SURFACE CSG. LEAD CMT W/220 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD TAILED W/200 PREM GLASS G @15.8 PPG 1.15 YIELD. DROP PLUG FLOATS HELD. 60 SX LEAD CMT BACK TO PIT. TOP OUT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD. CMT FELL. TOP OUT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. HOLE STAYED FULL.

WORT.

RECEIVED  
FEB 0 / 2005  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE 	DATE 2/4/2005

(This space for State use only)

012

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-48758</b>
2. NAME OF OPERATOR: <b>WESTPORT OIL &amp; GAS COMPANY L.P.</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: _____
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>		7. UNIT or CA AGREEMENT NAME: <b>NATURAL BUTTES UNIT</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>613'FSL &amp; 1037'FEL</b>		8. WELL NAME and NUMBER: <b>STATE 921-32P</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 32 9S 21E</b>		9. API NUMBER: <b>4304734422</b>
COUNTY: <b>UINTAH</b>		10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>
STATE: <b>UTAH</b>		

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <b>3/17/2005</b>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>FINAL DRILLING OPERATIONS</b>	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

FINISHED DRILLING FROM 2540' TO 9323'. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/405 SX PREM LITE II. TAILED W/1940 SX 50/50 POZ CLASS G CMT.

RELEASED CAZA 12 ON 3/17/05 AT 0600 HRS.

RECEIVED

APR 04 2005

DIV. OF OIL, GAS &amp; MINING

NAME (PLEASE PRINT) **SHEILA UPCHEGO**TITLE **REGULATORY ANALYST**

SIGNATURE

DATE **3/21/2005**

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STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

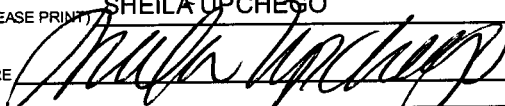
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48758
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 613'FSL & 1037'FEL		8. WELL NAME and NUMBER: STATE 921-32P
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 32 9S 21E		9. API NUMBER: 4304734422
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: PRODUCTION START-UP
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 4/4/05 AT 8:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE 	DATE 4/6/2005

(This space for State use only)

RECEIVED  
APR 13 2005

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## WESTPORT OIL &amp; GAS COMPANY, LP

## CHRONOLOGICAL HISTORY

STATE 921-32P

UINTAH COUNTY, UT

SPUD	Surface Casing	Activity	Status
12/15/04		Build Location, 15% complete	Caza 12
12/16/04		Build Location, 15% complete	Caza 12
12/17/04		Build Location, 15% complete	Caza 12
12/20/04		Build Location, 80% complete	Caza 12
12/21/04		Build Location, 85% complete	Caza 12
12/22/04		Build Location, 90% complete	Caza 12
12/23/04		Build Location, 100% complete	Caza 12
12/27/04		Build Location, 100% complete	Caza 12
12/28/04		Build Location, 100% complete	Caza 12
12/29/04		Build Location, 100% complete	Caza 12
12/30/04		Build Location, 100% complete	Caza 12
12/31/04		Build Location, 100% complete	Caza 12
01/03/05		Build Location, 100% complete	Caza 12
01/04/05		Build Location, 100% complete	Caza 12
01/05/05		Build Location, 100% complete	Caza 12
01/06/05		Location built. WOB	Caza 12
01/07/05		Location built. WOB	Caza 12
01/10/05		Location built. WOB	Caza 12
01/11/05		Location built. WOB	Caza 12
01/12/05		Location built. WOB	Caza 12
01/13/05		Location built. WOB	Caza 12

01/14/05			Location built. WOB	Caza 12
01/17/05			Location built. WOB	Caza 12
01/18/05			Location built. WOB	Caza 12
01/19/05		14" @ 40'	Set cond on 1/17/05. WOAR	Caza 12
01/20/05		14" @ 40'	Set cond on 1/17/05. WOAR	Caza 12
01/21/05		14" @ 40'	Set cond on 1/17/05. WOAR	Caza 12
01/24/05		14" @ 40'	Set cond on 1/17/05. WOAR	Caza 12
01/25/05		14" @ 40'	Set cond on 1/17/05. WOAR	Caza 12
01/26/05		14" @ 40'	Set cond on 1/17/05. WOAR	Caza 12
01/27/05	1/26/05	14" @ 40'	MIAR. Drill to 1120'. DA	Caza 12
01/28/05	1/26/05	14" @ 40'	Drill to 2180'. DA	Caza 12
01/31/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/01/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/02/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/03/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/04/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/07/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/08/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/09/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/10/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/11/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/14/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/15/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/16/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/17/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/18/05	1/26/05	9 5/8" @ 2470'	Drill to 2540'. Set surf csg.	Caza 12
02/21/05	1/26/05	9 5/8" @ 2470'		Caza 12
02/22/05	1/26/05	9 5/8" @ 2470'		Caza 12

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02/23/05	1/26/05	9 5/8" @ 2470'	Caza 12	
<p>TD: 2530' Csg. 9 5/8"@ 2473' MW: 8.4 SD: 2/X/05 DSS: 0          Move Caza 12 from NBU 428 to State 921-32P. Rig 100% moved, 60% rigged up.</p>				
02/24/05	1/26/05	9 5/8" @ 2470'	Caza 12	
<p>TD: 2750' Csg. 9 5/8"@ 2473' MW: 8.4 SD: 2/24/05 DSS: 0          Rig up rotary tools. NU and Test BOPE. PU 7 7/8" PDC Bit, Mud Motor and BHA and drill cement and FE. Rotary spud @ 0300 hrs 2/24/04. Drill and survey from 2530'-2750'. DA @ report time.</p>				
02/25/05	1/26/05	9 5/8" @ 2470'	Caza 12	
<p>TD: 4285' Csg. 9 5/8"@ 2473' MW: 8.4 SD: 2/24/05 DSS: 1          Drill and survey from 2750'-4285'. DA @ report time.</p>				
02/28/05	1/26/05	9 5/8" @ 2470'	Caza 12	
<p>TD: 5240' Csg. 9 5/8"@ 2473' MW: 9.8 SD: 2/24/05 DSS: 4          Drill from 4285'-4338'. Took kick in Green River, 9000 units gas and black oil. Raise mud weight to control influx. Loss 200 bbls mud. Drill to 5095'. TFNB and MM. Drill to 5240'. DA @ report time.</p>				
03/01/05	1/26/05	9 5/8" @ 2470'	Caza 12	
<p>TD: 5485' Csg. 9 5/8"@ 2473' MW: 9.9 SD: 2/24/05 DSS: 5          Drill from 5240'-5485'. DA @ report time.</p>				
03/02/05	1/26/05	9 5/8" @ 2470'	Caza 12	
<p>TD: 5710' Csg. 9 5/8"@ 2473' MW: 10.4 SD: 2/24/05 DSS: 6          Drill from 5485'-5492'. TFNB. Drill to 5710'. DA @ report time.</p>				
03/03/05			DSS: 7	
<p>TD: 6340' Csg. 9 5/8"@ 2473' MW: 10.7 SD: 2/24/05          Drill from 5710'-6340'. DA @ report time.</p>				
03/04/05			DSS: 8	
<p>TD: 6890' Csg. 9 5/8"@ 2473' MW: 10.8 SD: 2/24/05          Drill from 6340'-6890'. DA @ report time.</p>				
03/07/05			DSS: 11	
<p>TD: 7850' Csg. 9 5/8"@ 2473' MW: 11.0 SD: 2/24/05          Drill from 6890'-7645'. TFNB and MM. Drill to 7850'. DA @ report time.</p>				
03/08/05			DSS: 12	
<p>TD: 8055' Csg. 9 5/8"@ 2473' MW: 11.0 SD: 2/24/05          Drill from 7850'-8055'. DA @ report time.</p>				
03/09/05			DSS: 13	
<p>TD: 8193' Csg. 9 5/8"@ 2473' MW: 11.0 SD: 2/24/05          Drill from 8055'-8150'. TFNB. Drill to 8193'. DA @ report time.</p>				
03/10/05			DSS: 14	
<p>TD: 8425' Csg. 9 5/8"@ 2473' MW: 11.4 SD: 2/24/05          Drill from 8193'-8425'. DA @ report time.</p>				
03/11/05			DSS: 15	
<p>TD: 8625' Csg. 9 5/8"@ 2473' MW: 12.1 SD: 2/24/05          Drill from 8425'-8625'. DA @ report time.</p>				



03/14/05 D: 9265' Csg. 9 5/8"@ 2473' MW: 12.4 SD: 2/24/05 DSS: 18  
Drill from 8625'-8989'. TFPB and MM. Drill to 9265. DA @ report time.

03/15/05 TD: 9323' Csg. 9 5/8"@ 2473' MW: 12.4 SD: 2/24/05 DSS: 19  
Drill from 9265'-9323' TD. Short trip to top of Wasatch. CCH for logs. TOOH to casing shoe and wait on loggers.

03/16/05 TD: 9323' Csg. 9 5/8"@ 2473' MW: 12.4 SD: 2/24/05 DSS: 19  
Finish POOH. Run Triple Combo. TIH and lay down drillstring @ report time.

03/17/05 TD: 9323' Csg. 9 5/8"@ 2473' MW: 12.4 SD: 2/24/05 DSS: 20  
Finish laying down drillstring. Run and cement 4 1/2" Production Casing. ND BOPE and set slips. Release rig @ 0600 hrs 3/17/05.

03/18/05 TD: 9323' Csg. 9 5/8"@ 2473' MW: 12.4 SD: 2/24/05 DSS: 22  
100% rigged down. Moving rig to NBU 438 @ report time.

03/28/05 PROG: RD MOVE OFF NBU 428, ROAD RIG TO STATE 921-32P SPOT IN EQUIP. RU, NU  
BOP TEST BOP & CSG TO 7500#, GOOD TEST TALLY & PU 2-3/8 J-55 TBG, RIH TAG @  
9275' POOH. LD30 JTS SDFN.

03/25/05: POOH. MIRU CUTTERS, RIH W/3-3/8 23 GM, .35 HOLES GUNS PERF @ 9120'-9124'  
9190'-9195' 4 SPF, NO BLOW SWI SDFWE.

03/29/05 PROG: MIRU SCHLUMBERGER, CUTTERS FRAC ALL STAGE W/SCAL INHIBITOR 3  
GALS/1000 GALS IN PAD & 1/2 THE RAMP & 10 GALS IN FLUSH EXCEPT LAST FLUSH

STAGE #1: PERF @ 9120'-9124' & 9190'-9195' (4 SPF) BRK @ 4201#, INJ RT: 35.8, INJ PSI:  
5900#, ISIP: 3620#, FG: .83. FRAC W/60642# 20/40 SD & 750 BBL YF122ST+ FLUID  
SCREEN OUT. MP: 7500#, MR: 41BPM, GOT 43200# SD IN ZONE OPEN WL. FLWBACK 1  
HR FLUSH W/140 BBL.

STAGE #2: RIH SET 10K CBP @ 8853' PERF @ 8528'-30' 8752'-58' 8818'-23' 4 SPF BRK  
PERF @ 4681#, INJ RT: 44.6 BPM, INJ PSI: 5095#, ISIP: 2900#, FG: .77, FRAC W/407800#  
20/40 SD & 3218 BBL YF122ST+ GEL FLUID. MP: 7193#, MR: 47.7 BPM, AP: 5305#, AR:  
40.5 BPM, ISIP: 3600#, FG: .85, NPI: 700#.

STAGE #3: RIH SET 10K CBP @ 8405' PERF @ 8147'-49' & 8370'-75' 4 SPF BRK @ 2947#,  
INJ RT: 32 BPM, INJ PSI: 4526#, ISIP: 2428#, FG: .72, FRAC W/121500# 20/40 SD & 974  
BBL YF120ST+ GEL FLUID. MP: 5575#, MR: 32.4 BPM, AP: 4154#, AR: 30.6 BPM, ISIP:  
3395#, FG: .84, NPI: 967#.

STAGE #4: RIH SET 10K CBP @ 8077' PERF @ 7768'-70', 7929'-35', & 8043'-47' 4 SPF BRK  
PERF @ 2850#, INJ RT: 44.7 BPM, INJ PSI: 4397#, ISIP: 2650#, FG: .77. FRAC W/339200#  
20/40 SD & 2457 BBL YF120ST+ GEL FLUID. MP: 5812#, MR: 44.8 BPM, AP: 4195#, AR:  
43.5 BPM, ISIP: 2850#, FG: .79, NPI: 200#.

STAGE #5: RIH SET5K CBP @ 7382' PERF @ 7348'-52' 4 SPF, SWI SDFN.

03/30/05 PROG: BRK PERF @ 2908#, INJ RT: 32 BPM, INJ PSI: 3922#, ISIP: 1970#, FG: .71, FRAC  
W/62200# 20/40 SD & 533 BBL YF118ST GEL FLUID. MP: 5111#, MR: 32 BPM, AP: 3683#,  
AR: 30 BPM, ISIP: 2730#, FG: .81, NPI: 760#.

STAGE #6: RIH SET 5K CBP @ 6826' PERF @ 6793'-96' 4 SPF BRK PERF @ 3220#, INJ RT:

25 BPM, INJ PSI: 3350#, ISIP: 1750#, FG: .69, FRAC W/57000# 20/40 SD & 433 BBL YF118ST GEL FLUID. MP: 4516#, MR: 25.9 BPM, AP: 3427#, AR: 24.3 BPM, ISIP: 3480#, FG: .94, NPI: 1730#.

STAGE #7: RIH SET 5K CBP @ 6152' PERF @ 5915'-20' 6042'-47' 6119'-22' 4 SPF BRK @ 2099#, INJ RT: 50 BPM, INJ PSI: 3605#, ISIP: 1370#, FG: .66, FRAC W/328800# 20/40 SD & 1995 BBL YF118ST GEL FLUID. MP: 4607#, MR: 51.1 BPM, AP: 3781#, AR: 49 BPM, ISIP: 2265#, FG: .81, NPI: 895#.

STAGE #8: RIH SET 5K CBP @ 5780' PERF @ 5516'-20' 5746'-50' 4 SPF BRK PERF @ 1760#, INJ RT: 40.2 BPM, INJ PSI: 3230#, ISIP: 1650#, FG: .73, FRAC W/113100# 20/40 SD & 689 BBL YF117ST GEL FLUID. MP: 4277#, MR: 40.3 BPM, AP: 3139#, AR: 38.4 BPM, ISIP: 2175#, FG: .82, NPI: 525#. RIH SET 5K CBP @ 5275' RD SCHLUMBERGER & CUTTERS, RU FLOOR. RIH W/BIT POBS ON 2,3/8 TBG TAG @ 5780, RU DRLG EQUIP, DRL OUT CBP @ 5285' 500# KICK. RIH TAG @ 5750' 30' SD ON PLUG, DRL OUT SD & CBP @ 5780' 400# KICK. RIH TAG @ 6110' 40' SD ON PLUG, DRL OUT SD & CBP @ 6152' 400# KICK. RIH TAG @ 6795' 30' SD ON PLUG DRL OUT SD & CBP @ 6826' 300# KICK. CIRC CLEAN, SWI, SDFN.

03/31/05

PROG: SICP: 1000#, OPEN RIH TAG @ 7320' 60' SD ON PLUG DRL OUT SD & CBP @ 7382' 700# KICK. RIH TAG @ 8045' 30' SD ON PLUG DRL OUT SD & CBP @ 8077' 400# KICK. RIH TAG @ 8375' 30' SD ON PLUG DRL OUT SD & CBP @ 8405' 500# KICK. RIH TAG @ 8823' 30' SD ON PLUG DRL OUT SD & CBP @ 8853' NO KICK CLEAN OUT TO PBTB @ 9289', CIRC CLEAN PULL & LD 30 JTS 2-3/8 LAND TBG ON WL HEAD W/264 JTS 2-3/8 J-55 TBG NDBOP, NU TREE PMP OFF BIT, RD MOVE TURN WL TO FLWBACK CREW.

TBG DETAIL:

KB	15.00
HANGER	1.00
264 JTS 2,3/8 TBG J-55	8525.59
POBS	1.46
EOT	8543.00

WELL ON FLOWBACK, FLOWBACK REPORT: CP: 2100#, TP: 1360#, 20/64 CHK, 53 BWPH, 24 HRS, SD: TRACE, TTL BBLS FLWD: 2354, TODAYS LTR: 6,234 BBLS, LOAD REC TODAY: 2,354 BBLS, REMAINING LTR: 3,880 BBLS, TOTAL LOAD REC TO DATE: 2,354 BBLS.

04/01/05

PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 2375#, TP: 1300#, 20/64 CHK, 35 BWPH, 24 HRS, SD: TRACE, TTL BBLS FLWD: 1049, TODAYS LTR: 3,880 BBLS, LOAD REC TODAY: 1,049 BBLS, REMAINING LTR: 2,831 BBLS, TOTAL LOAD REC TO DATE: 3,403 BBLS.

04/04/05

PROG: 04/02/05: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 2725#, TP: 1200#, 20/64 CHK, 24 BWPH, 24 HRS, SD: CLEAN, TTL BBLS FLWD: 852, TODAYS LTR: 2831 BBLS, LOAD REC TODAY: 852 BBLS, REMAINING LTR: 1,979 BBLS, TOTAL LOAD REC TO DATE: 4,255 BBLS.

04/03/05: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 2850#, TP: 1150#, 20/64 CHK, 25 BWPH, 24 HRS, SD: CLEAN, TTL BBLS FLWD: 693, TODAYS LTR: 1979 BBLS, LOAD REC TODAY: 693 BBLS, REMAINING LTR: 1,286 BBLS, TOTAL LOAD REC TO DATE: 4,948 BBLS.

04/04/05: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 2800#, TP: 1050#, 20/64 CHK,

20 BWPH, 24 HRS, SD: CLEAN, TTL BBLs FLWD: 556, TODAY'S LTR: 1,286 BBLs, LOAD  
REC TODAY: 556 BBLs, REMAINING LTR: 730 BBLs, TOTAL LOAD REC TO DATE:  
5,504 BBLs.

**04/05/05**

PROG: WELL WENT ON SALES. 4/4/05, 8:00 AM. 1050 MCF, 20/64 CHK, SICP: 1230#, FTP:  
1275#, 58 BWPH. FINAL REPORT FOR COMPLETION.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐  
b. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER ☐

2. NAME OF OPERATOR:  
WESTPORT OIL & GAS COMPANY L.P.

3. ADDRESS OF OPERATOR:  
1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:  
(435) 781-7024

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 613'FSL & 1037'FEL

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

14. DATE SPUDDED: 1/17/2005  
15. DATE T.D. REACHED: 3/15/2005  
16. DATE COMPLETED: 4/4/2005

ABANDONED ☐ READY TO PRODUCE ☒

18. TOTAL DEPTH: MD 9,323  
TVD

19. PLUG BACK T.D.: MD 9,289  
TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

17. ELEVATIONS (DF, RKB, RT, GL):  
4618'GL

21. DEPTH BRIDGE MD  
PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

CBL, HAT, SOLID, FMOL

23.

WAS WELL CORED?

NO ☒

YES ☐

(Submit analysis)

WAS DST RUN?

NO ☒

YES ☐

(Submit report)

DIRECTIONAL SURVEY?

NO ☒

YES ☐

(Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	54#		40		28			
12 1/4"	9 5/8 H-40	32.3#		2,540		730			
7 7/8	4 1/2 I-80	11.6#		9,323		2345			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	8.542							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) WASATCH	5,516	7,352		
(B) MESAVERDE	7,768	9,195		
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
5,516 7,352	0.35	91	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
7,768 9,195	0.35	119	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5516'-7352'	PMP 3650 BBLs YF118ST & 561,100# 20/40 SD
7768'-9195'	PMP 7399 BBLs YF122ST & 929,142# 20/40 SD

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS  
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

☐ GEOLOGIC REPORT  
☐ CORE ANALYSIS

☐ DST REPORT  
☐ OTHER: \_\_\_\_\_

☐ DIRECTIONAL SURVEY

30. WELL STATUS:

PROD

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 4/4/2005		TEST DATE: 4/11/2005		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 0		GAS - MCF: 1,334		WATER - BBL: 1,042		PROD. METHOD: FLOWING							
CHOKE SIZE: 21/64		TBG. PRESS. 750		CSG. PRESS. 1,686		API GRAVITY		BTU - GAS		GAS/OIL RATIO		24 HR PRODUCTION RATES: →		OIL - BBL: 0		GAS - MCF: 1,334		WATER - BBL: 1,042		INTERVAL STATUS: PROD	

## INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED: 4/4/2005		TEST DATE: 4/11/2005		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 1,334	WATER – BBL: 1,042	PROD. METHOD: FLOWING
CHOKE SIZE: 21/64	TBG. PRESS. 750	CSG. PRESS. 1,686	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 1,334	WATER – BBL: 1,042	INTERVAL STATUS: PROD

## INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
WASATCH MESAVERDE	4,721 7,740	7,740			

## 34. FORMATION (Log) MARKERS:

## 35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE

DATE 5/3/2005

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

RECEIVED

MAY 10 2005

DIV. OF OIL, GAS &amp; MINING

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP

1368 South 1200 East

Vernal, UT 84078

Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP

1368 South 1200 East

Vernal, UT 84078

Phone: 1-(435) 781-7024

**CA No.**

**Unit:**

**NATURAL BUTTES UNIT**

**WELL NAME**

**SEC TWN RNG**

**API NO**

**ENTITY**

**LEASE**

**WELL**

**WELL**

**NO**

**TYPE**

**TYPE**

**STATUS**

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006

4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181

4b. If **NO**, the operator was contacted on:

5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE

5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred

5c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

**7. Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

**8. Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 5/15/2006

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006

3. Bond information entered in RBDMS on: 5/15/2006

4. Fee/State wells attached to bond in RBDMS on: 5/16/2006

5. Injection Projects to new operator in RBDMS on:                     

6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: CO1203

2. Indian well(s) covered by Bond Number: RLB0005239

3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236

a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG

The Division sent response by letter on:                     

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Title

ENGINEERING SPECIALIST

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

*Brad Laney*

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48758
2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY Vernal STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 613' FSL, 1037' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 32 9S 21E s		8. WELL NAME and NUMBER: State 921-32P
PHONE NUMBER: (435) 781-7044		9. API NUMBER: 4304734422
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
STATE: UTAH		

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Pit Reclamation
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee (KMG) is requesting an extension on closure of the pit for the State 921-32P location due to exorbitant volumes of formation water. In October, 2005 a production log was run to identify the source of water production. The log indicated primary contribution from a shallow Wasatch formation interval. Due to high formations pressures which required a snubbing rig which has been unavailable in each inquiry. Pressures have now dropped which will allow for us to use a conventional rig but due to availability it has delayed the completion of the job.

Within 90 days KMG will perform a workover to isolate water production. If the rig is not available within the 90 days the well will be shut in at the 90 day deadline until we can perform the work.

If the planned workover is successful in the isolation/reduction of water production, the pit will be closed within 21 days of the completion of the workover activities.

If water production is not isolated, KMG will submit a further sundry within 21 days for installation of a second 300 bbl water tank to enable handling of water production with reduced risk of a spill. The pit will be closed upon installation of the tank.

NAME (PLEASE PRINT) Raleen Weddle	TITLE Regulatory Analyst
SIGNATURE <i>Raleen Weddle</i>	DATE 7/28/2006

(This space for State use only)

Approved by the  
Utah Division of  
Oil, Gas and Mining

SENT TO OPERATOR  
9-20-06  
CWD

RECEIVED

AUG 01 2006

OIL, GAS & MINING

(5/2000)

Date: 08-07-06

(See Instructions on Reverse Side)

By: *[Signature]*

PIT LINER MUST BE MAINTAINED IN GOOD CONDITION

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-48758</b>
2. NAME OF OPERATOR: <b>KERR MCGEE OIL &amp; GAS ONSHORE LP</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>613'FSL, 1037'FEL</b>		8. WELL NAME and NUMBER: <b>STATE 921-32P</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 32 9S 21E</b>		9. API NUMBER: <b>4304734422</b>
		10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>
		COUNTY:
		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____  <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>MAINTENANCE</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

10/23/06 Daily Detail : DAY #2, 7:00 HSM REVIEW JSA #8-9, SICP-1500#. OPEN CSG TO PIT, BLOW WELL DN. PUMP'D 75 BBLs 10# BRINE TO KILL WELL. P/U RIH W/ 3-7/8 MILL, BIT SUB, STRING FLOAT, 280 JTS 2-3/8 J-55 TBG TAG @ 9045'. P/U PWR SWVL BRK CIRC W/ AIR FOAM UNIT. C/O FROM 9045' TO 9266'. CIRC HOLE FOR 30 MIN. L/D 33 JTS, POOH W/ 96 JTS SWIFN. PUMP'D 215 BBLs RECOVER'D 320 BBLs

10/24/06 DAY #3, 7:00 HSM REVIEW JSA #7-9, SICP1300#, SITP 700#, BLOW WELL DN TO PIT, PUMP'D 130 BBLs 10# BRINE TO KILL WELL, TRICKLED 20 BBLs 2% KCL TO FINISH POOH W/ TBG. P/U FAST EDDIE R-NIPPLE RIH [1.42'] W/ 63 JTS 2-3/8 J-55 [2033.93'] P/U WEATHERFORD PKR [6.33'] 192 JTS 2-3/8 J-55 [6200.99'] P/U HANGER & LAND TBG, P/U 36" SET PKR W/ 5000# COMP. LAND TBG, P/U & BROACH TBG TO 8258' R/D TBG EQUIP, N/D BOPS, N/U WELL HEAD SWIFN.

TBG DETAIL

KB	15.00
HANGER 4-1/2	.83
192 JTS 2-3/8 J-55	6200.99
PKR 4-1/2 WEATHERFORD	6.33
63 JTS 2-3/8 J-55	2033.93
PROFILE NIPPLE F/E	1.42
EOT @	8258.50

**RECEIVED**  
**NOV 07 2006**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE	DATE <u>10/31/2006</u>

(This space for State use only)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
KERR MCGEE OIL & GAS ONSHORE LP

3. ADDRESS OF OPERATOR:  
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:  
(435) 781-7024

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 613'FSL, 1037'FEL

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 32 9S 21E

STATE:  
UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SHUT-IN
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The operator requests authorization to shut-in the subject well location. In August we submitted a sundry to the state concerning the unclosed (overdue) pit on the subject well. The operator would have work over the well within 90 days to attempt to isolate high water production, and would subsequently deal with the unclosed pit.

The rig work was duly completed at the end of October. The operator has been struggling with the well since, but long story short the water production remains high while the gas production has dropped (The operator didn't isolate the offending zone).

The operator don't have a plan to isolate the water and don't expect to attempt anything in the near future. Therefore, The operator has instructed the operators to shut in the well indefinitely so we don't continue to fill the pit. The operator will close in the pit as soon as possible (as soon as it is empty)

COPY SENT TO OPERATOR  
Date: 2-5-07  
Time: 2pm

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE

DATE 1/22/2007

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 2/1/07  
By: [Signature]  
2649-3-36-1

(See Instructions on Reverse Side)

RECEIVED  
JAN 29 2007

DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

October 1, 2008

CERTIFIED MAIL NO. 7004 2510 0004 1824 6466

Ms. Sheila Upchego  
Kerr McGee Oil & Gas Onshore LP  
1368 South 1200 East  
Vernal, UT 84078

43 047 3A422  
State 921-32P  
95 21E 32

Re: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases

Dear Ms. Upchego,

As of July 2008, Kerr McGee Oil & Gas has twenty-eight (28) State and Mineral Lease Wells (see attachment A) that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months require filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon showing of good cause by the operator (R649-3-36-1.3.3).

For extended SI/TA consideration the operator shall provide the Division with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).



Page 2  
October 1, 2008  
Ms. Upchego

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

js  
Enclosure

cc: Jim Davis, SITLA  
Operator Compliance File  
Well File

### ATTACHMENT A

	Well Name	API	Lease Type	Location	Years Inactive
1	CIGE 5	43-047-30335	STATE	NWSE Sec 31-09S-22E	1 Year 4 Months
2	CIGE 54D	43-047-30851	ML-22582	NENE Sec 35-09S-21E	2 Years 4 Months
3	CIGE 80D	43-047-30853	ML-22652	NWNW Sec 02-10S-21E	1 Year
4	CIGE 51D	43-047-30889	STATE	NENE Sec 31-09S-22E	1 Year 3 Months
5	NBU 54N	43-047-30890	ML-22649	NESW Sec 32-09S-22E	1 Year 3 Months
6	CIGE 92D	43-047-31162	STATE	SENE Sec 13-10S-20E	1 Year
7	NBU 213-36J	43-047-31268	ML-22650	NENE Sec 36-09S-22E	1 Year 1 Month
8	ARCHY BENCH STATE 1-2	43-047-31489	ML-22348-A	NENE Sec 02-11S-22E	1 Year 10 Months
9	CIGE 97D	43-047-31729	STATE	SESE Sec 31-09S-22E	1 Year 7 Months
10	NBU 157	43-047-32007	ML-22649	SESW Sec 32-09S-22E	1 Year 3 Months
11	NBU 343-36E	43-047-32205	ML-22650	SENE Sec 36-09S-22E	1 Year 7 Months
12	NBU 265	43-047-32796	ML-13826	NESE Sec 02-10S-21E	1 Year 2 Months
13	MORGAN STATE 12-36	43-047-32814	ML-22265	NESE Sec 36-09S-21E	1 Year
14	WONSITS STATE 1-32	43-047-32820	ML-47780	SWNE Sec 32-07S-22E	4 Years
15	NBU 333	43-047-33641	ML-23608	SWSW Sec 13-10S-21E	1 Year 6 Months
16	NBU 389	43-047-34229	ML-21329	NENE Sec 28-10S-21E	1 year 4 Months
17	STATE 921-32P	43-047-34422	ML-48758	SESE Sec 32-09S-21E	1 Year 5 Months
18	STATE 920-36P	43-047-34423	ML-48757	SESE Sec 36-09S-20E	2 years 9 Months
19	NBU 440	43-047-34785	STATE	SWNW Sec 34-09S-21E	1 Year 4 Months
20	NBU 442	43-047-34788	STATE	NWSW Sec 35-09S-21E	2 Years 8 Months
21	CIGE 284	43-047-34792	ML-23612	SWNW Sec 01-10S-21E	1 Year 2 Months
22	CIGE 285	43-047-34793	ML-22652	NENE Sec 02-10S-21E	1 Year 8 Months
23	STATE 920-36O	43-047-35788	ML-48757	SWSE Sec 36-09S-20E	1 Year 8 Months
24	NBU 1022-16G	43-047-35948	ML-3276	SWNE Sec 16-10S-22E	1 Year 2 Months
25	NBU 1022-16B	43-047-36158	ML-3276	NWNE Sec 16-10S-22E	1 Year 3 Months
26	NBU 921-34K	43-047-36389	STATE	NESW Sec 34-09S-21E	1 Year 2 Months
27	BONANZA 1023-16J	43-047-37092	ML-22186-A	NWSE Sec 16-10S-23E	1 Year 4 Months
28	NBU 921-34J	43-047-37953	STATE	NWSE Sec 34-09S-21E	1 Year



Kerr McGee Oil and Gas Onshore LP  
1368 SOUTH 1200 EAST • VERNAL, UT 84078  
435-789-4433 • FAX 435-781-7094

November 10, 2008

43 047 34422  
state 921-32P  
9S 21E 32

Mr. Dustin K. Doucet  
Division of Oil, Gas and Mining

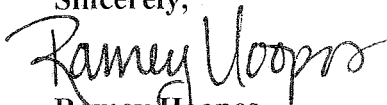
RE: Extended Shut-In and Temporarily Abandoned Wells  
Greater Natural Buttes Area

Dear Mr. Doucet:

Our plan of action for wells cited in your October 1, 2008, letter regarding SI and TA wells is attached. We plan to plug, recompleat or workover every well on the list during the next six months. We will positively establish casing mechanical integrity at that time. In particular, the EPA has requested an expanded Area of Review for the UIC permits we have either received or are preparing. We have to have a plan for a large number of wells in the bottom tier of sections in Township 9S-21E. **These are shown in bold font.**

We have not enclosed all of the data requested in light of the fact that we plan to mobilize on these wells in the near future. If you still require that data, please let us know and we will commence gathering it.

Sincerely,

  
Ramey Hoopes

RECEIVED

NOV 12 2008

DIV. OF OIL, GAS & MINING

1	CIGE 5	43-047-30335
2	CIGE 54D	43-047-30851
3	CIGE 80D	43-047-30853
4	CIGE 51D	43-047-30889
5	NBU 54N	43-047-30890
6	CIGE 92D	43-047-31162
7	NBU 213-36J	43-047-31268
8	ARCHY BENCH STATE 1-2	43-047-31489
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17	STATE 921-32P	43-047-34422
18	STATE 920-36P	43-047-34423
19	NBU 440	43-047-34785
20	NBU 442	43-047-34788
21	CIGE 284	43-047-34792
22	CIGE 285	43-047-34793
23	STATE 920-36O	43-047-35788
24	NBU 1022-16G	43-047-35948
25	NBU 1022-16B	43-047-36158
26	NBU 921-34K	43-047-36389
27	BONANZA 1023-16J	43-047-37092
28	NBU 921-34J	43-047-37953



RECEIVED

NOV 12 2008

DIV. OF OIL, GAS &amp; MINING

## CATEGORY 3 - STATE OR FEE SHUT IN WELL LIST

Well	Reason for SI/TA	POA Timing	Comments & Reasoning for POA
Archy Bench State 1-2	Wellbore integrity issues & poor production	Q2 2009	Refrac & recomplete potential exists in well. Work will be done to establish production.
Wonsits State 1-32	Not completed in best existing quality pay	Q1 2009	Recomplete potential exists in well. Work will be done to establish production.
State 920-36P	High water producer with very little gas production	Q2 2009	Review of new drills within section & water shut off work needed to determine potential. Water shut off or P&A will be recommended.
State 920-36O	High water producer with very little gas production	Q2 2009	Review of new drills within section & water shut off work needed to determine potential. Water shut off or P&A will be recommended.
NBU 1022-16G	High water producer with very little gas production	0	Should not be classified as SI as a WSO was performed & production was established in May of 2008. Current rates of 155 mcf & 69 bwpd.
NBU 1022-16B	High water producer with very little gas production	0	Should not be classified as SI as a WSO was performed & production was established in May of 2008. Current rates of 155 mcf & 69 bwpd.
NBU 213-36J			EOG operated well.
NBU 343-36E			EOG operated well.
BONANZA 1023-16J	Permits being prepared for additional wells		Surface casing set, preparing additional APD's to use location as a multi-well pad. This well will be drilled with the others.
CIGE 5	1.4 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
CIGE 80D	0.4 Bcf Tw Cum. Low gas production.	Q1 2009	Potential for Clean out and RTP.
CIGE 51D	1.0 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
NBU 54N	1.4 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
CIGE 92D	1.6 Bcf Tw Cum.	Q1 2009	Will review for bypassed pay. Prob depleted and can P&A.
CIGE 97D	0.4 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
NBU 157	0.5 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
NBU 265	0.05 Bcf Tw. Refraced in 2007.	Q1 2009	High risk RC cand: 1.7 Bcf Offset. BBXG prob beter RC candidate. Therefore P&A.
NBU 333	0.09 Bcf W/TM. RC Candidate.	Q4 2008	Reviewed 11-06 by kfm (me). Time to RC.
NBU 389	0.07 Bcf Tw Cum. RC Candidate.	Q1 2009	2002 Vintage. Review for RC.
CIGE 54D	0.95 Bcf Tw Cum. SI in 2006.	Q4 2008	Will review for RC potential. Within EPA requested Area of Review.
MORGAN STATE 12-36	0.09 Bcf W/TM.	Q1 2009	Note comm w 41J, 2.7 Bcf well. Prob fraced into in 1997. High risk RC. P&A. Within EPA requested Area of Review.
STATE 921-32P	0.1 Bcf W/TM/MM. High water producer.	Q1 2009	Pkr below Mid Tw prod log, unsuccessful water shut off. Try pkr at Top of Kmv. Wihin EPA requested Area of Review.
NBU 440	0.01 Bcf W/TM/MM. High water producer.	Q1 2009	Attempt to set pkr at top of Kmv and produce.
CIGE 285	0.1 Bcf. W/TM/MM. High water producer.	Q1 2009	Attempt to set pkr at top of Kmv and produce.
NBU 442		Q42008	UIC permit application being prepared.
CIGE 284		Q1 2009	Within EPA requested Area of Review.
CIGE 285		Q1 2009	Within EPA requested Area of Review.
NBU 921-34K		Q1 2009	Mobilizing to convert well to injection.
NBU 921-34J		Q1 2009	Test Green River. UIC candidate. Within EPA requested Area of Review.



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

December 23, 2008

CERTIFIED MAIL NO.: 7004 2510 0004 1824 6633

Ms. Ramey Hoopes  
Kerr McGee Oil and Gas  
1368 South 1200 East  
Vernal, UT 84078

43 047 34422  
State 921-32P  
95 21E 32

SUBJECT: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated September 23, 2008

Dear Ms. Hoopes:

The Division of Oil, Gas and Mining (Division) is in receipt of your letter dated November 10, 2008 (received by the Division on November 12, 2008) in regards to the twenty-eight (28) shut-in or temporarily abandoned (SI/TA) wells operated by Kerr McGee Oil and Gas (Kerr McGee). It is the Divisions understanding that Kerr McGee plans to plug, recomplete or workover every well on Attachment A during the next six months.

Based on the submitted information and plan to bring the listed wells out of non-compliance status within a six month period the Division grants extended SI/TA status for the wells listed on Attachment A until September 1, 2009, allowing adequate time to perform the proposed work.

If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281

Sincerely,

Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js

Enclosure

cc: Jim Davis, SITLA  
Operator Compliance File  
Well File

N:\O&G Reviewed Docs\Chron file\Petroleum Engineer\SITA\20081212 KerrMcGee SITA response.doc



## ATTACHMENT A

	Well Name	API	Lease Type	Location	Years Inactive
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26	NBU 921-34K	43-047-36389	STATE	NESW Sec 34-09S-21E	1 Year 2 Months
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28	NBU 921-34J	43-047-37953	STATE	NWSE Sec 34-09S-21E	1 Year



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

December 23, 2008

January 27, 2009 – re-mailed

CERTIFIED MAIL NO.: 7004 2510 0004 1824 6633 (returned unclaimed)  
CERTIFIED MAIL NO.: 7004 2510 0004 1824 6695

Ms. Ramey Hoopes  
Kerr McGee Oil and Gas  
1368 South 1200 East  
Vernal, UT 84078

43 047 34422  
State 921-32P  
95 21E 32

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Based on the submitted information and plan to bring the listed wells out of non-compliance status within a six month period the Division grants extended SI/TA status for the wells listed on Attachment A until September 1, 2009, allowing adequate time to perform the proposed work.

If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281

Sincerely,

Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js

Enclosure

cc: Jim Davis, SITLA  
Operator Compliance File  
Well File

N:\O&G Reviewed Docs\Chron file\Petroleum Engineer\SITA\20081212 KerrMcGee SITA response.doc



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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48758			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES			
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> STATE 921-32P			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0613 FSL 1037 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 32 Township: 09.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047344220000			
<b>PHONE NUMBER:</b> 720 929-6007 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES			
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/15/2009  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input checked="" type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: _____         </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> The operator requests authorization to Plug and Abandon the subject well. The well location has been Shut-In, Temporarily Abandon, or a non-producing well. In accordance with the State of Utah demand letter response, the operator will Plug and Abandon the well location. Please refer to the attached Plug and Abandon procedure.					
<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> <u>September 17, 2009</u> <b>By:</b> <u><i>Dan K. Quist</i></u>					
<b>NAME (PLEASE PRINT)</b> Andy Lytle		<b>PHONE NUMBER</b> 720 929-6100			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Analyst			
<b>DATE</b> 9/15/2009					



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Sundry Conditions of Approval Well Number 43047344220000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Amend Plug #5: CICR shall be set at 2538' not 1977' as proposed. Sting into CICR pump 162 sx through CICR, sting out and dump 39 sx on top of CICR.**
- 3. Amend Plug #6: CICR shall be set at 1743' not 1333' as proposed. Sting into CICR pump 134 sx through CICR, sting out and dump 31 sx on top of CICR.**
- 4. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 5. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 7. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** September 17, 2009  
**By:** Dustin Doucet

## Wellbore Diagram

API Well No: 43-047-34422-00-00

Permit No:

Well Name/No: STATE 921-32P

Company Name: KERR-MCGEE OIL &amp; GAS ONSHORE, L.P.

Location: Sec: 32 T: 9S R: 21E Spot: SESE

Coordinates: X: 622155 Y: 4426987

Field Name: NATURAL BUTTES

County Name: UINTAH

## String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	40	20		
COND	40	14	54	
HOL2	2540	12.25		
SURF	2540	9.625	32.3	2540
HOL3	9323	7.875		
PROD	9323	4.5	11.6	9323
T1	8542	2.375		

Plug # 7 (step 10)  
 $300' / (1.15) (3.090) = 85'x$   
 $300' / (1.15) (11.459) = 23'x$   
 Conductor: 14 in. @ 40 ft.  
 Hole: 20 in. @ 40 ft.

Cement from 54 ft. to surface

OK 9 5/8" x 4 1/2"  
 7 7/8" (108) x 4 1/2"

11.459

3.090

3.346

Plug # 6 (step 9) - CIR @ 1743'  
 $460' / (1.15) (3.090) = 130'x$   
 $460' / (1.15) (11.459) = 31'x$   
 Surface: 9.625 in. @ 2540 ft.  
 Hole: 12.25 in. @ 2540 ft.

## Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	54	0		
PROD	9323	3200	HS	405
PROD	9323	3200	50	1940
SURF	2540	0	HG	220
SURF	2540	0	G	450

2.45

1.31

Plug # 3 (step 6)

$(165'x) (1.15) (11.459) = 210'$   
 TOC @ 3833'

## Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
5516	9195			

Plug # 2 (step 5)

$(655'x) (1.15) (11.459) = 856'$   
 TOC @ 4610'  
 OK

Approved by the  
 Utah Division of  
 Oil, Gas and Mining

Date: September 17, 2009

By: Dan K. Quist

## Formation Information

Formation	Depth
UNTA	0
GRRV	1433
MHGBN	2077
BMSW	3900
WSTC	4721
MVRD	7740

Cement from 9323 ft. to 3200 ft.

Tubing: 2.375 in. @ 8542 ft.

Production: 4.5 in. @ 9323 ft.

Hole: 7.875 in. @ 9323 ft.

TD: 9323 TVD: 9323 PBTD: 9289



STATE 921-32P  
613' FSL & 1037' FEL  
SESE SEC.32, T9S, R21E  
Uintah County, UT

KBE:	4933'	API NUMBER:	43-047-34422
GLE:	4918'	LEASE NUMBER:	ML - 48758
TD:	9336'	WI:	100.0000%
PBTD:		NRI:	83.33330%

CASING: 12 1/4" hole  
9 5/8" 32.3# H-40 @ 2488'  
Lead w/ 220 sx Premium G, Top Out w/ 150 sx, TOC @ Surface

7.875" hole  
4.5" 11.6# I-80 @ 9327'.  
Lead w/ 385 sx Premium Lite II, Tail w/ 1940 sx 50-50 Pozmix Class G. TOC @ ? run CBL

TUBING: 2.375" 4.7# K-55 tubing landed at 8542'

Tubular/Borehole	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# K-55 tbg.	1.901	8100	7700	0.1624	0.02173	0.00387
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# K-55	8.921	2020	3520	3.2470	0.4340	0.0773
<b>Annular Capacities</b>						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.01006
4.5" csg X 9 5/8" 36# csg				2.2159	0.3231	0.0576
4.5" csg X 7.875 borehole				1.7040	0.2276	0.0406
9.625" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Green River	1433'
Bird's Nest	1693'
Mahogany	2077'
Parachute Member	3070'
Wasatch	4724'
Mesaverde	7727'

Tech. Pub. #92 Base of USDW's

USDW Elevation	1000' MSL
USDW Depth	3933' KBE

PERFORATIONS:

Formation	Date	Top	Bottom	SPF	Status
Wasatch	3/28/05	5516	5520	4	Open
Wasatch	3/28/05	5746	5750	4	Open
Wasatch	3/28/05	5915	5920	4	Open
Wasatch	3/28/05	6042	6047	4	Open
Wasatch	3/28/05	6119	6122	4	Open
Wasatch	3/28/05	7348	7352	4	Open
Mesaverde	3/28/05	7768	7770	4	Open
Mesaverde	3/28/05	7929	7935	4	Open
Mesaverde	3/28/05	8043	8047	4	Open
Mesaverde	3/28/05	8147	8149	4	Open
Mesaverde	3/28/05	8370	8375	4	Open
Mesaverde	3/28/05	8528	8530	4	Open
Mesaverde	3/28/05	8752	8758	4	Open
Mesaverde	3/28/05	8818	8823	4	Open
Mesaverde	3/28/05	9120	9124	4	Open
Mesaverde	3/28/05	9190	9195	4	Open

WELL HISTORY:

- Spud date 2/24/2005. Completed 3.30/2005.
- Perf'd gross Wasatch and Mesaverde interval 3/28/05

## STATE 921-32P PLUG & ABANDONMENT PROCEDURE

### GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

### PROCEDURE

**Note:** An estimated 280 – 566 sx Class “G” cement needed for procedure

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL & PREP FOR GYRO SURVEY.
3. RUN GYRO SURVEY
4. **PLUG #1, ISOLATE MESAVERDE PERFORATIONS (7768' – 9195') AND PROTECT TOP (7727'):** RIH W/ 4 ½" CIBP. SET @ 7718'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE 4 SX CMT (4.36 CUFT) ON TOP OF PLUG. PUH ABOVE TOC (~7768'). REVERSE CIRCULATE W/ 10 PPG BRINE.
5. **PLUG #2, ISOLATE WASATCH PERFORATIONS (5516' – 7352') AND PROTECT TOP (4724'):** RIH W/ 4 ½" CIBP. SET @ 5466'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE 65 SX CMT (73.42 CUFT) ON TOP OF PLUG. PUH ABOVE TOC (~4624'). REVERSE CIRCULATE W/ 10 PPG BRINE.
6. **PLUG #3, PROTECT BASE OF USDW (3933'):** PUH TO ~4033'. BRK CIRC W/ FRESH WATER. DISPLACE 16 SX (17.44 CUFT.) AND BALANCE PLUG W/ TOC @ ~3833' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.
7. **PLUG #4, PROTECT BASE OF PARACHUTE MEMBER (3070'):** PUH TO ~3170'. BRK CIRC W/ FRESH WATER. DISPLACE 16 SX (17.44 CUFT.) AND BALANCE PLUG W/ TOC @ ~2970' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.
8. **PLUG #5 SURFACE SHOE (2488') & PROTECT BASE OF MAHOGANY (~2077'):** POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ ~2588' W/ 4 SPF. PU & RIH W/ 4 ½" CIRC, SET @ ~1977'. RIH W/ TBG & STING INTO CIRC & SQUEEZE PERFS W/ APPROXIMATELY 198 SX (224.40 CUFT.) OR SUFFICIENT VOLUME TO FILL CSG & BOREHOLE ANNULUS TO 1977'. STING OUT OF CIRC AND SPOT 4 SX (4.36 CUFT.) CMT ON TOP OF CIRC. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1927'). REVERSE CIRCULATE W/ 10 PPG BRINE. **OR** PUH TO ~2588'. BRK CIRC W/ FRESH WATER. DISPLACE 43 SX (48.92 CUFT.) AND BALANCE PLUG W/ TOC @ ~1977' (561' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.
9. **PLUG #6, PROTECT BIRD'S NEST TOP (1693') & GREEN RIVER TOP (1433'):** POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ ~1793' W/ 4 SPF. PU & RIH W/ 4 ½" CIRC, SET @ ~1333'. RIH W/ TBG & STING INTO CIRC & SQUEEZE PERFS W/ APPROXIMATELY 167 SX (188.73 CUFT.) OR SUFFICIENT VOLUME TO FILL CSG & BOREHOLE ANNULUS TO 1333'. STING OUT OF CIRC AND SPOT 4 SX (4.36 CUFT.) CMT ON TOP OF CIRC. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1283'). REVERSE CIRCULATE W/ 10 PPG BRINE. **OR** PUH TO ~1793'. BRK CIRC W/ FRESH WATER. DISPLACE 36 SX

(40.11 CUFT.) AND BALANCE PLUG W/ TOC @ ~1333' (460' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.

10. **PLUG #7, SURFACE HOLE:** POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ 300' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP 108 SX CMT (123.09 CUFT.) OR SUFFICIENT VOLUME TO FILL ANNULUS AND CASING TO SURFACE.

11. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.

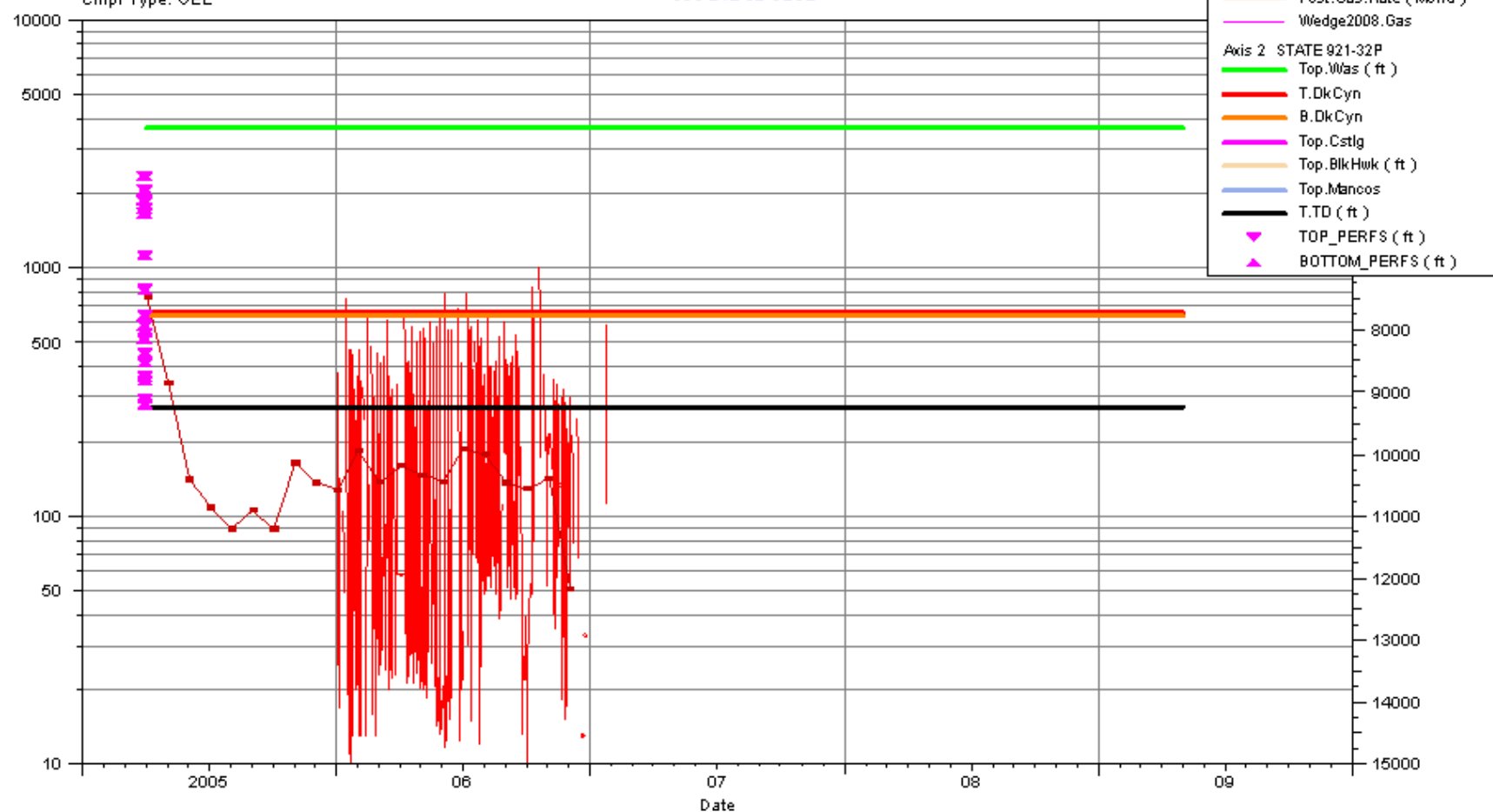
12. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB.

DML 7/27/09

NBU\_CENTRAL  
KERR-MCGEE OIL & GAS ONSHO  
W/TMM  
Cmpl Type: GEL

**STATE 921-32P**  
43047344220000  
09S 21E 32 SESE

Gas Cum Monthly: 111 MMcf  
Gas Rate (CalDay) (Mcf/d)  
Gas Cum Dly: 53 MMcf



RECEIVED September 15, 2009

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48758
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> STATE 921-32P
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0613 FSL 1037 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 32 Township: 09.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047344220000
<b>PHONE NUMBER:</b> 720 929-6007 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 10/9/2009	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>ALTER CASING</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>OTHER:</b>	
	<input type="checkbox"/> <b>CASING REPAIR</b>	
	<input type="checkbox"/> <b>CHANGE WELL NAME</b>	
	<input type="checkbox"/> <b>CONVERT WELL TYPE</b>	
	<input type="checkbox"/> <b>NEW CONSTRUCTION</b>	
	<input type="checkbox"/> <b>PLUG BACK</b>	
	<input type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>	
	<input type="checkbox"/> <b>TEMPORARY ABANDON</b>	
	<input type="checkbox"/> <b>WATER DISPOSAL</b>	
	<input type="checkbox"/> <b>APD EXTENSION</b>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>		
THE OPERATOR HAS PERFORMED THE PLUG AND ABANDON ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS PLUGGED THE WELL IN ACCORDANCE WITH THE STATE OF UTAH DEMAND LETTER. PLEASE REFER TO THE ATTACHED PLUG AND ABANDON CHRONOLOGICAL WELL HISTORY.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> October 13, 2009		
<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/13/2009	

**US ROCKIES REGION**  
**Operation Summary Report**

Well: STATE 921-32P				Spud Date: 2/24/2005					
Project: UTAH-UINTAH			Site: STATE 921-32P				Rig Name No: MILES-GRAY 1/1		
Event: ABANDONMENT			Start Date: 9/23/2009				End Date:		
Active Datum: RKB @4,932.99ft (above Mean Sea Level)				UWI: STATE 921-32P					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation	
9/29/2009	7:00 - 7:15	0.25	ABAND	48		P		JSA-SAFETY MEETING #1, DAY 1	
	7:15 - 18:30	11.25	ABAND	30	A	P		ROAD RIG FROM NBU-922- 18J PAD TO LOC, MIRU, 3000# ON WELL, R/U SLICKLINE, RIH TRY SET PLUG IN NIPPLE @ 2040', WOULD NOT SET, R/U CASEDHOLE WIRELINE, BLOWED WELL DN TO @ 1500#, WIRELINE RIH SET 2 3/8" TBG PLUG @ 2030', BLOWED TBG DN, R/D WIRELINE, N/D WH, N/U BOPS, R/U CUDD PRESSURE CONTROL SNUBBING, SNUB OUT 63 JTS 2-3/8" TBG, LAYING DN ON TRAILER, R/D SNUBBER, SHUT WELL IN, SDFN	
9/30/2009	7:00 - 7:15	0.25	ABAND	48		P		JSA-SAFETY MEETING #2, DAY 2	
	7:15 - 10:00	2.75	ABAND	34	I	P		2500# ON WELL, BLOW DN TO TK, R/U CASEDHOLE WIRELINE, RIH W, GAUGE RING TO 7750', P/O, RIH W/ 4 1/2" CIBP, SET CIBP @ 7700', BLOW WELL DN, DUMP BAIL CEMENT ON TOP OF CIBP,	
	10:00 - 12:30	2.50	ABAND	34		P		RIH W/ GYRO SURVEY TOOL TO 7500', LOG WELL, R/D GYRO TOOLS,	
	12:30 - 14:00	1.50	ABAND	34	I	P		P/U 4 1/2" CIBP RIH SET CIBP @ 5466', R/D WIRELINE, BLOW WELL DN TO TK,	
	14:00 - 17:00	3.00	ABAND	31	I	P		P/U 2 3/8" NOTCH COLLIER RIH W/ 2 3/8" J-55 TBG, TALLY TBG IN HOLE, TAG PLUG @ 5644', HOOK UP PUMP CIRC WELL W/ TREATED WTR, SHUT WELL IN SDFN,	
10/1/2009	7:00 - 7:15	0.25	ABAND	48		P		JSA-SAFETY MEETING #3, DAY 3	

**US ROCKIES REGION**  
**Operation Summary Report**

Well: STATE 921-32P

Spud Date: 2/24/2005

Project: UTAH-UINTAH

Site: STATE 921-32P

Rig Name No: MILES-GRAY 1/1

Event: ABANDONMENT

Start Date: 9/23/2009

End Date:

Active Datum: RKB @4,932.99ft (above Mean Sea Level)

UWI: STATE 921-32P

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:15 - 17:30	10.25	ABAND	51	D	P		NO PRESSURE ON WELL, R/U PRO PETRO CEMENTERS TO TBG, PRESSURE TEST CSG TO 1000#,  (PLUG #2 ) 5466', MIX AND PUMP 65 SACKS CEMENT DN TBG, W/ SPOTTING CEMENT FROM 5466' TO 4610', P/O LAY DN 27 JTS ON TRAILER, REVERSE OUT TBG W/ BRINE WTR GETTING @ 1/2 BBL CEMENT BACK, P/O LAY DN 17 JTS ON TRAILER,  ( PLUG #3 ) 4048', MIX AND PUMP 25 SACKS CEMENT DN TBG, W/ SPOTTING CEMENT FROM 4048' TO 3718', P/O LAY DN 11 JTS TBG ON TRAILER, REVERSEV OUT TBG W/ BRINE WTR GETTING @ 1/2 BBL CEMENT BACK, P/O LAY DN 17 JTS ON TRAILER.  ( PLUG #4 ) 3170', MIX AND PUMP 25 SACK CEMENT DN TBG, W/ SPOTTING CEMENT FROM 3170' TO 2840', P/O LAY DN 11JTS TBG ON TRAILER, REVERSE OUT TBG W/ BRINE WTR GETTING @ 1/2 BBL CEMENT BACK, P/O LAY DN 9 JTS ON TRAILER, TOO H W/ 40 STANDS,  ( PLUG #5 ) R/U CASED HOLE WIRELINE. RIH W/ PERF GUN, PERF SQUEEZE HOLE @ 2588', 1' 4-SPF, P/O RIH W/ WEATHERFORD CIRC, SET CIRC @ 2538',R/D WIRELINE, RIH W/ CIRC STINGER & 2 3/8" TBG, STUNG INTO CIRC @ 2538', ESTB PUMP IN RATE OF 1.5 B/M @ 1200#, MIX AND PUMP 162 SACKS CEMENT PLUS 39 SACKS, PUMP THE 162 SACKS DN THRU CIRC W/ PRESSURE @ 00# 1.9 B/M, STUNG OUT OF RETAINER @ 800#, SPOT 39 SACK CEMENT FROM 2538' TO 1927', P/O LAY DN 17 JTS ON TRAILER, REVERSE OUT TBG W/ BRINE WTR W/ GETTING @ 1/2 BBL CEMENT BACK,  P/O LAY DN 5 JTS ON TRAILER, R/U SWAB SWAB WELL DN TO 1350' 18 BBLs, R/D SWAB, TOO H W/ TBG, R/U WIRELINE RIH W/ PERF GUN, PERF BIRD NEST @ 1840' TO 1850' 4-SPF, R/D WIRELINE, RIH W/ 2 3/8" TBG TO @ 1840', R/U SWAB,
10/2/2009	7:00 - 7:15	0.25	ABAND	48		P		JSA-SAFETY MEETING #4, DAY #4
	7:15 - 18:00	10.75	ABAND	42		P		NO PRESSURE ON WELL, R/U SWAB, FLUID LEVEL @ 1350', SWAB WELL TO 1840', NO FLUID ENTRY, R/U PUMP, FILL WELL W/ FRESH WTR, PUMP INTO BIRDS NEST @ 1000# 3 B/M, PUMP 40 BBLs WTR, ISIP 400#, F.G. 0.66, RIH W/ SWAB, SWAB BACK 40 BBLs WTR, SWAB W/ GETTING VERY LITTLE FLUID ENTRY, SWAB BACK 5 BBLs W/ NO ENTRY.. R/D SWAB SWI, SDFWE,
10/5/2009	7:00 - 7:15	0.25	ABAND	48		P		JSA-SAFETY MEETING #5, DAY 5
	7:15 - 12:00	4.75	ABAND	42	B	P		750 LBS ON WELL , BLOWED DN TO TK, R/U SWAB RIH TO 1840', NO FLUID, MADE 6 MORE SWAB RUN W/ NO FLUID, LAND TBG W/ HANGER, N/D BOPS, N/UWH, SHUT WELL IN, R/D SERVICE UNIT MOVED OFF LOC.
10/7/2009	11:30 - 12:00	0.50	ABAND	30	A	P		DAY 1 - JSA & SM. NO H2S PRESENT.



**US ROCKIES REGION**  
**Operation Summary Report**

Well: STATE 921-32P

Spud Date: 2/24/2005

Project: UTAH-UINTAH

Site: STATE 921-32P

Rig Name No: MILES-GRAY 1/1

Event: ABANDONMENT

Start Date: 9/23/2009

End Date:

Active Datum: RKB @4,932.99ft (above Mean Sea Level)

UWI: STATE 921-32P

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	12:00 - 17:00	5.00	ABAND	31		P		ROAD RIG FROM NBU 265 TO LOC. MIRU SERVICE UINT, SPOT EQUIP., SITP = 600 PSI, SICP = 600 PSI. BLOW DWN WELL. RU SWAB. RIH W/SWAB TO 1800'. NO FLUID. EOT @ 1845'. RD SWAB. NDWH, NU BOP. LD TBG HNGR. POOH W/59 JTS TBG & STD BK IN DRK. PMP 12 BBLS WTR DWN CSG TO BRING FLUID LEVEL TO 1250'.
								MIRU CUTTERS WIRELINE, RIH W/3 1/8" HSC GNS, 12 GRM, 0.34 HOLES. PERF THE BIRDS NEST FROM 1853' - 65', 4 SPF, 48 HOLES, 1822' - 28', 4 SPF, 24 HOLES, 1730' - 38', 4 SPF, 32 HOLES, 104 HOLES TOTAL. POOH & LD TOOLS.
10/8/2009	7:00 - 7:15	0.25	ABAND	48		P		17:00 SWI - SDFN. PREP TO SWAB WELL IN AM. DAY 2 - JSA & SM. NO H2S PRESENT
	7:15 - 17:00	9.75	ABAND	42	B	P		WHP = 0 PSI. PU NC/1.875" XN NIPPLE & RIH ON 2 3/8" TBG. TO 1732'. RU SWAB & SWAB BIRD NEST FROM PERFS @ 1730' - 38', 4 SPF, 1822' - 28', 4 SPF, 1840' - 50', 4 SPF, 1853' - 65', 4 SPF, 144 HOLES TOTAL.
								RIH W/SWAB TO 1732' & SWAB LOAD WTR OF 28 BBLS. RUN #1- PH = 7.0, Ch = 11,000 PPM RUN #14 - PH = 8.5, Ch = 12,000 PPM RUN #16 - PH = 9.5, Ch = 20,000 PPM LOAD WTR RECOVERED. RUN #18 - PH = 9.5, Ch = 50,000 PPM RUN #19 - PH = 10.0, Ch = 50,000 PPM RUNS 20 - 32, PH & Ch REMAINED SAME. PULLING LESS THAN 5 GAL OF WTR UNTIL FINALLY NO WTR AT ALL ON LAST 4 RUNS. RD SWAB. POOH W/TBG & LD NC/XN NIPPLE.
								MIRU CUTTERS WIRELINE, PU 4 1/2" WEATHERFORD CICR, RIH & SET @ 1675'. POOH & LD TOOLS. RD CUTTERS.
								PU CICR STINGER & RIH ON 2 3/8" TBG TO 1605'. EST CIRC. RIH & STING INTO CICR. EST INJ. TEST. 2.5 BPM @ 700 PSI. SD.
								15:00 - SWI - SDFN. PREP TO SET CMT PLUGS IN AM.
10/9/2009	7:00 - 7:15	0.25	ABAND	48		P		DAY 3 - JSA & SM. NO H2S PRESENT.

**US ROCKIES REGION**  
**Operation Summary Report**

Well: STATE 921-32P			Spud Date: 2/24/2005		
Project: UTAH-UINTAH		Site: STATE 921-32P		Rig Name No: MILES-GRAY 1/1	
Event: ABANDONMENT		Start Date: 9/23/2009		End Date:	
Active Datum: RKB @4,932.99ft (above Mean Sea Level)			UWI: STATE 921-32P		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:15 - 11:00	3.75	ABAND	51	D	P		<p>WHP = 0 PSI. CICR @ 1675'. EST. INJ. RATE, 2 BPM @ 400 PSI. MIX &amp; PMP 38 BBLS (185 SK CLASS G CMT, @ 15.8 PPG, 1.15 YLD). STING OUT OF RETAINER &amp; DISPLACE 4 BBLS. RD CEMENTERS, POOH &amp; LD TBG ON TRLR. (PMPD 154 SK CMT (31.5 BBLS) BELOW CICR &amp; LEFT 31 SK (6.3 BBL - 409') ON TOP CICR.</p> <p>RU CUTTERS WIRELINE. PU 3 1/8" GNS, 12 GRM, 0.34 HOLE, 4 SPF. RIH &amp; PERF 4 1/2" CSG @ 300'. POOH &amp; LD TOOLS. RDMO CUTTERS.</p> <p>RU CEMENTERS, EST CIRC BETWEEN 4 1/2 &amp; 9 5/8" CSG. INJ. TEST BROKE @ 1500 PSI., EST. 2 BPM @ 400 PSI.</p> <p>ND BOP, NUWH. RD SERVICE UNIT. MIX &amp; PMP 8 BBLS (75 SK CLASS G CMT @ 15.8 PPG, 1.15 YLD) DWN 4 1/2" CSG. CMT CIRC. TO SURFACE UP 9 5/8. SD. CLEAN UP PMP EQUIP. RDMO CEMENTERS.</p> <p>CUT OF WH. CMT HOLDING @ SURFACE IN 4 1/2 &amp; 9 5/8" CSG. WELD ON TOP PLATE.</p> <p>11:00 - JOB COMPLETE. MOVE TO NBU 922-18F4BS.</p>